

# ORDER FOR SUPPLIES OR SERVICES

PAGE OF PAGES

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14

IMPORTANT: Mark all packages and papers with contract and/or order numbers.

1. DATE OF ORDER 01/31/2013		2. CONTRACT NO. (If any) EP-W-13-001		6. SHIP TO:	
3. ORDER NO. 0001		4. REQUISITION/REFERENCE NO. PR-R0-13-00081		a. NAME OF CONSIGNEE Amberet Green	
5. ISSUING OFFICE (Address correspondence to) SRRPOD US Environmental Protection Agency Ariel Rios Building 1200 Pennsylvania Avenue, N. W. Mail Code: 3805R Washington DC 20460				b. STREET ADDRESS 1200 Sixth Avenue	
				c. CITY seattle	e. ZIP CODE 98101
7. TO: HEATHER TEED				f. SHIP VIA	
a. NAME OF CONTRACTOR BOOZ ALLEN HAMILTON INC.				8. TYPE OF ORDER	
b. COMPANY NAME				<input type="checkbox"/> a. PURCHASE <input checked="" type="checkbox"/> b. DELIVERY	
c. STREET ADDRESS 8283 GREENSBORO DRIVE 7039172337				REFERENCE YOUR:  Please furnish the following on the terms and conditions specified on both sides of this order and on the attached sheet, if any, including delivery as indicated.	
d. CITY MCLEAN		e. STATE VA	f. ZIP CODE 221023838	Except for billing instructions on the reverse, this delivery order is subject to instructions contained on this side only of this form and is issued subject to the terms and conditions of the above-numbered contract.	
9. ACCOUNTING AND APPROPRIATION DATA See Schedule				10. REQUISITIONING OFFICE SRRPOD	

11. BUSINESS CLASSIFICATION (Check appropriate box(es))				12. F.O.B. POINT	
<input type="checkbox"/> a. SMALL <input checked="" type="checkbox"/> b. OTHER THAN SMALL <input type="checkbox"/> c. DISADVANTAGED <input type="checkbox"/> d. WOMEN-OWNED <input type="checkbox"/> e. HUBZone <input type="checkbox"/> f. SERVICE-DISABLED VETERAN-OWNED <input type="checkbox"/> g. WOMEN-OWNED SMALL BUSINESS (WOSB) ELIGIBLE UNDER THE WOSB PROGRAM <input type="checkbox"/> h. EDWOSB				Destination	
13. PLACE OF		14. GOVERNMENT B/L NO.		15. DELIVER TO F.O.B. POINT ON OR BEFORE (Date)	
a. INSPECTION Destination	b. ACCEPTANCE Destination				

## 17. SCHEDULE (See reverse for Rejections)

ITEM NO. (a)	SUPPLIES OR SERVICES (b)	QUANTITY ORDERED (c)	UNIT (d)	UNIT PRICE (e)	AMOUNT (f)	QUANTITY ACCEPTED (g)
	DUNS Number: 006928857 Eastern Michaud Flats SF Site (Region 10)  This Action hereby issues Time & Materials TO number 0001. The contractor's task order proposal submitted 1/21/2013 is Continued ...					
SEE BILLING INSTRUCTIONS ON REVERSE	18. SHIPPING POINT		19. GROSS SHIPPING WEIGHT		20. INVOICE NO.	
	21. MAIL INVOICE TO:					\$150,000.00
	a. NAME RTP Finance Center					
	b. STREET ADDRESS (or P.O. Box) US Environmental Protection Agency RTP-Finance Center Mail Drop D143-02 109 TW Alexander Drive					\$189,251.00
c. CITY Durham			d. STATE NC	e. ZIP CODE 27711		

17(h) TOTAL (Cont. pages)

17(i) GRAND TOTAL

22. UNITED STATES OF AMERICA BY (Signature)

23. NAME (Typed)  
Evelyn Stanley  
TITLE: CONTRACTING/ORDERING OFFICER

**ORDER FOR SUPPLIES OR SERVICES**  
**SCHEDULE - CONTINUATION**

PAGE NO

2

IMPORTANT: Mark all packages and papers with contract and/or order numbers.

DATE OF ORDER 01/31/2013	CONTRACT NO. EP-W-13-001	ORDER NO. 0001
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ITEM NO. (a)	SUPPLIES/SERVICES (b)	QUANTITY ORDERED (c)	UNIT (d)	UNIT PRICE (e)	AMOUNT (f)	QUANTITY ACCEPTED (g)
0001	<p>approved and incorporated by reference in the amount of \$189,251.00.(authorized TO ceiling). This action also incrementally funds this TO in the amount of \$150,000.00(obligated TO ceiling), an amount which the contractor is not authorized to exceed. The contractore exceeds at their own risk.</p> <p>Jannine Jennings is appointed as the Task Order Contracting Officer's Representative (TOCOR). The work under this task order is non-severable. All other terms and conditions are hereby incorporated by reference from the parent Contract(EP-W-13-001). TOPO: Jannine Jennings Max Expire Date: 12/31/2013 Admin Office: SRRPOD US Environmental Protection Agency Ariel Rios Building 1200 Pennsylvania Avenue, N. W. Mail Code: 3805R Washington DC 20460 Period of Performance: 01/01/2013 to 12/31/2013</p> <p>Base Period</p> <p>Accounting Info: 13-TR2B-10Q0X5Y-303DD2-2505-105YME02-C 001-1310QFC011-001 BFY: 13 Fund: TR2B Budget Org: 10Q0X5Y Program (PRC): 303DD2 Budget (BOC): 2505 Job #: 105YME02 Cost: C001 DCN - Line ID: 1310QFC011-001 Funding Flag: Complete Funded: \$100,000.00 Accounting Info: 13-TR2B-10Q0X6L-303DD2-2505-106LBE03-C 004-1310QFC011-002 BFY: 13 Fund: TR2B Budget Org: 10Q0X6L Program (PRC): 303DD2 Budget (BOC): 2505 Job #: 106LBE03 Cost: C004 DCN - Line ID: 1310QFC011-002 Continued ...</p>				150,000.00	

TOTAL CARRIED FORWARD TO 1ST PAGE (ITEM 17(H))

\$150,000.00

ORDER FOR SUPPLIES OR SERVICES  
SCHEDULE - CONTINUATION

PAGE NO  
3

IMPORTANT: Mark all packages and papers with contract and/or order numbers.

DATE OF ORDER  
01/31/2013

CONTRACT NO.  
EP-W-13-001

ORDER NO.  
0001

ITEM NO. (a)	SUPPLIES/SERVICES (b)	QUANTITY ORDERED (c)	UNIT (d)	UNIT PRICE (e)	AMOUNT (f)	QUANTITY ACCEPTED (g)
	Funding Flag: Complete Funded: \$50,000.00					

TOTAL CARRIED FORWARD TO 1ST PAGE (ITEM 17(H))

\$0.00

## **PERFORMANCE WORK STATEMENT**

**Contract Number: EP-W-13-0001**

**Contract Name: REPA-5**

**Contractor Name: Booz Allen Hamilton**

### **I. TITLE**

**BP/Prudhoe Bay  
Project Review and Evaluation**

### **II. CONTRACT OFFICER REPRESENTATIVES**

#### **EPA Regional Task Order Contract Officer Representative (RTOCOR)**

Amberet Green  
Resource Management & State Programs Unit  
EPA, Region 10  
1200 Sixth Avenue, Suite 900, AWT-122  
Seattle, WA 98101  
green.amberet@epa.gov  
206/553-0784 (phone)  
206/553-8509 (fax)

#### **EPA Task Order Contract Officer Representative (TOCOR)**

Roberta (Robbie) Hedeem,  
RCRA Corrective Action and Permits Team  
EPA, Region 10  
1200 Sixth Avenue, Suite 900, AWT-121  
Seattle, WA 98101  
hedeem.roberta@epa.gov  
206/553-0201 (phone)  
206/553-8509 (fax)

### **III. AUTHORIZATION**

This Performance Work Statement (PWS) is in accordance with Tasks 1 and 2 of the REPA-5 Zone III Contract PWS.

## **BP/Prudhoe Bay Project Review and Evaluation**

### **IV. PERIOD OF PERFORMANCE**

The period of performance for this Task Order is from the date of Contracting Officer issuance through December 31, 2013.

### **V. FACILITY**

BP/Prudhoe Bay  
Prudhoe Bay, Alaska

### **VI. BACKGROUND**

#### General Background Information on the North Slope Area

Petroleum exploration in the Arctic began in the 1920s. Oil was discovered at Prudhoe Bay in 1968. The North Slope oil and gas fields were opened for large scale exploration and development with the completion of the Trans-Alaska Pipeline in 1977. There are about twelve known oil and gas fields located on state-owned land bordered by the Colville River, the Canning River, the Beaufort Sea and the Brooks Range. (The size of this area is grossly approximated at 13,000 square miles). The Alaska Department of Natural Resources manages leases for oil and gas production at the various oil fields. Multiple oil production wells are operated from gravel drill pads scattered throughout the oilfields. Production fluids (oil, gas, and water) from the wells are separated in processing plants. Oil is routed to the Trans-Alaska Pipeline System. Produced water is re-injected into the formation to help maintain reservoir pressure and enhance further oil recovery. The gas is sent down the pipeline with the crude oil (natural gas liquids), injected into the gas cap for enhanced oil recovery, and used for local fuel.

RCRA hazardous waste management on the North Slope is associated with activities which support oil production. These activities include motor vehicle maintenance, painting, cleaning with solvents, and photographic development. Drilling fluids, produced waters, and other wastes associated with the exploration, development, or production of crude oil, natural gas, or geothermal energy are specifically excluded from the definition of hazardous waste.

The location of this site greatly impacts site operations as well as waste management and corrective action. The North Slope of Alaska is isolated and very sparsely populated. Transportation can be difficult. The area is classified as Arctic desert, cold and dry. Permafrost underlies the site to a depth of approximately 2000 feet. All structures (buildings, roads, wells, etc.) must be built on 5 or more feet of gravel to prevent thawing the ground and settling. The active zone (up to three feet from surface) thaws briefly each summer. There is very low topographic relief and numerous shallow lakes form seasonally on the tundra. There are 56 days of darkness in midwinter.

#### Facility Background

Management of the Prudhoe Bay oil field was initially divided into two areas, the Western Operating Area (WOA) operated by BP and the Eastern Operating Area (EOA) operated by

## **BP/Prudhoe Bay Project Review and Evaluation**

ARCO. Both the WOA and EOA had a hazardous waste storage unit. These units have closed. The field is currently operated solely by BP. BP maintains a permitted hazardous waste storage unit. BP/Prudhoe Bay has been evaluated by EPA as a medium priority facility for purposes of RCRA corrective action (CA).

A comprehensive RCRA corrective action 3008h order (Order) under consent was issued for the facility in October, 2007. A standardized RCRA permit was issued in 2009. The Order requires submission of multiple RCRA Facility Investigation (RFI), Interim Measure (IM), Corrective Measure Study (CMS), and Corrective Measure Implementation (CMI) workplans and reports, and other documents. RCRA corrective action work at the facility is expected to continue through at least 2020.

### **VII. SCOPE OF WORK**

The contractor shall provide the personnel, services, materials, and equipment necessary to assist in: (1) the oversight of the CA project during all its facets and (2) the oversight of the permit.

In implementing the scope of work, the contractor shall perform the following tasks.

#### **THE CONTRACTOR SHALL:**

**TASK 1.** Document Review of RFI/IM/CMS/CMI/ Workplans & Reports, Annual Reports, Closure Reports, Risk Assessments, Quality Assurance Project Plans, other technical and supporting documents

Level A. The contractor shall review and provide comments on BP submittals required by the corrective action order, submittals required by the permit, and documents supporting the requirements of the Order/Permit. Document shall be reviewed in accordance with the requirements of the Order/Permit and with applicable EPA guidance. Draft and revised/final versions of these documents are anticipated. The contractor shall review and comment on each submittal. An electronic copy of all comments shall be provided to the TOCOR.

Level B. Additionally, the contractor shall review background submittals such as the site background and current conditions report for informational purposes and to identify potential issues. The review of these documents will be less rigorous and will not require formal written comments. If significant issues are identified during the review of these documents, they will be communicated verbally to the TOCOR via telephone or at a meeting.

The level of review and the expertise needed for review will be identified by the TOCOR and provided via technical direction document (TDD) prior to review.

#### **Task 1 Documents to be reviewed:**

(H: Hydrogeologic Support    R: Risk Assessment Support)

## **BP/Prudhoe Bay Project Review and Evaluation**

### General Document Review

Site Workplans [Anticipate 3 documents (H and R: Level A)]

Quality Assurance Project Plan (site wide) [ Anticipate 1 document (H: Level A; R: Level B)]

General Site Information Documents [Anticipate 1 document (H and R: Level B)]

Risk Assessments/supporting documents [Anticipate 3 documents (H: 1 doc Level A; R: 3 docs Level A)]

Interim Reports [Anticipate 3 documents (H: Level A; R: Level B)]

### Expert Review

(Anticipate 0 documents for this period of performance)

## **TASK 2. Meetings**

Attend meetings, participate in telephone conferences, and provide regulatory/technical support and analysis relating to Task 2. This includes providing technical assistance in all aspects of the RCRA corrective action and permitting site work. Provide technical support during meetings/teleconferences to discuss reviews and comments on the corrective action and permit action documents/reports. Anticipate four 4-hour meetings for 2 staff with Facility and representatives in Seattle. Anticipate three 2-hour pre-meetings for 2 staff with EPA project manager.

## **VIII. REQUIREMENTS/QUALIFICATIONS**

### General Document Review

The contractor staff assigned to this project shall be knowledgeable of RCRA regulations and have familiarity with permitting and corrective action activities at hazardous waste sites.

Technical writing capability and analytical ability are key qualifications. Solid understanding of basic hydrogeologic systems, fate and transport of contaminants, site investigation and site remediation is required. Experience with arctic systems and permafrost conditions is desirable.

### Risk Assessment

The contractor staff shall have an advanced degree in toxicology or related field, and must have significant expertise in risk assessment, especially ecological risk assessment. Familiarity with Region 10 RCRA's Risk Assessment Guidance is needed. An understanding of arctic systems and permafrost conditions is desirable. The contractor must also have knowledge of and be experienced with the RCRA corrective action process, and in problems associated with surface water, groundwater and soil contamination, investigation and remediation.

### Hydrogeology

The contractor staff shall have an advanced degree in hydrogeology or related field, and must have significant expertise in hydrogeology. Familiarity with EPA hydrogeologic policy and guidance is needed. An understanding of arctic systems and permafrost conditions is desirable.

## **BP/Prudhoe Bay Project Review and Evaluation**

The contractor must also have knowledge of and be experienced with the RCRA corrective action process, and in problems associated with surface water, groundwater and soil contamination, investigation and remediation.

### **Expert Review**

In addition to the ongoing Risk Assessment and Hydrogeology support identified above, over the course of the project this work may occasionally require expert review in a specific subject area. The contractor may be tasked to provide review of documents by a subject expert in areas such as permafrost, nanotechnology and other specific remedial systems, petroleum degradation in arctic climates, tundra restoration, etc. All such requests shall be made via Technical Direction Document (TDD) and shall be made as far in advance as possible.

## **IX. PERFORMANCE MEASURES AND QUALITY ASSURANCE**

The Contractor shall propose performance measures related to quality and timeliness of deliverables. The contractor shall propose the quality assurance systems and methods for periodic measurement, collection and reporting of its performance data.

The Contractor's deliverables will be inspected by the Government for acceptability. Unacceptable deliverables will be returned to the Contractor with comments and directions for necessary corrections or rework, as may be applicable.

## **X. TECHNICAL DIRECTION**

The TOCOR is authorized to provide technical direction which clarifies the SOW as set forth in the Performance Work Statement. Technical direction must be within the contract and the Performance Work Statement SOW. Technical direction includes: (a) direction to the contractor which assists the contractor in accomplishing the SOW (e.g., discussions of tasks during scoping meetings); and (b) comments on and approval of reports and other deliverables.

The TOCOR shall issue technical direction to the contractor or confirm technical direction in writing within five (5) calendar days after verbal issuance. The TOCOR shall likewise forward a copy of the technical direction memorandum to the Contracting Officer (CO) or to the RTOCOR.

The CO is the only person authorized to make changes to the Performance Work Statement or contract. Any changes to the scope of work must be approved by the CO in writing, as an amendment to the Performance Work Statement SOW or a modification to the contract.

## **XI. SCHEDULE OF TASKS & DELIVERABLES**

The contractor shall perform/submit the following tasks and deliverables within the timeframes established below.

## **BP/Prudhoe Bay Project Review and Evaluation**

### Task 1

All Corrective Action/Permitting Submittals

(RFI workplan, Risk Assessment, etc) . . . . . 30 days of receipt of document from EPA.

Revised submittals. . . . . 20 days after receipt of document from EPA.

Background Document Review

(current conditions report, site background, etc) . 20 days of receipt of document from EPA.

### Task 2

Meetings . . . . . As scheduled by the EPA TOCOR.

### NOTE:

Requests for deliverable extensions must be made before the anticipated due date of the comments. Extensions may be granted, but only after approval from the EPA TOCOR. When accepted, consideration shall be given for all late deliverables.

EP-W-13-001-TASKORDER-001 - MODIFICATION SUMMARY

Mod #	Reason For Modification	Status	Award Date	Obligation
P00011	Other Administrative Action	Released	12/5/2017	\$0.00
BASE		Released	1/31/2013	\$150,000.00
013	Funding Only Action	Released	3/30/2018	\$21,000.00
012	Funding Only Action	Released	3/30/2018	(\$21,000.00)
010	Funding Only Action	Released	12/6/2016	\$0.00
009	Other Administrative Action	Released	7/26/2016	\$0.00
008	Funding Only Action	Released	7/20/2016	\$45,000.00
007	Funding Only Action	Released	11/18/2015	\$15,000.00
006	Other Administrative Action	Released	5/18/2015	\$0.00
005	Funding Only Action	Released	5/13/2015	\$0.00
004	Exercise an Option	Released	5/13/2015	\$0.00
003	Funding Only Action	Released	2/10/2014	\$77,000.00
002	Funding Only Action	Released	1/30/2014	\$0.00
001	Funding Only Action	Released	9/6/2013	\$39,000.00

Total Amount without Options	Total Amount
\$0.00	\$0.00
\$189,251.00	\$189,251.00
\$0.00	\$0.00
\$0.00	\$0.00
\$0.00	\$0.00
\$0.00	\$0.00
\$45,000.00	\$45,000.00
\$125,554.27	\$125,554.27
\$0.00	\$0.00
\$31,081.49	\$31,081.49
\$0.00	\$0.00
\$0.00	\$0.00
\$180,204.90	\$180,204.90
\$0.00	\$0.00

# ORDER FOR SUPPLIES OR SERVICES

PAGE OF PAGES

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IMPORTANT: Mark all packages and papers with contract and/or order numbers.

1. DATE OF ORDER 01/31/2013		2. CONTRACT NO. (If any) EP-W-13-001		6. SHIP TO:	
3. ORDER NO. 0002		4. REQUISITION/REFERENCE NO. PR-R0-13-00073		a. NAME OF CONSIGNEE	
5. ISSUING OFFICE (Address correspondence to) SRRPOD US Environmental Protection Agency Ariel Rios Building 1200 Pennsylvania Avenue, N. W. Mail Code: 3805R Washington DC 20460				b. STREET ADDRESS	
7. TO: HEATHER TEED				f. SHIP VIA	
a. NAME OF CONTRACTOR BOOZ ALLEN HAMILTON INC.				8. TYPE OF ORDER	
b. COMPANY NAME				<input type="checkbox"/> a. PURCHASE <input checked="" type="checkbox"/> b. DELIVERY	
c. STREET ADDRESS 8283 GREENSBORO DRIVE 7039172337				REFERENCE YOUR:  Please furnish the following on the terms and conditions specified on both sides of this order and on the attached sheet, if any, including delivery as indicated.	
d. CITY MCLEAN		e. STATE VA	f. ZIP CODE 221023838		
9. ACCOUNTING AND APPROPRIATION DATA See Schedule				10. REQUISITIONING OFFICE SRRPOD	

11. BUSINESS CLASSIFICATION (Check appropriate box(es))				12. F.O.B. POINT Destination	
<input type="checkbox"/> a. SMALL <input checked="" type="checkbox"/> b. OTHER THAN SMALL <input type="checkbox"/> c. DISADVANTAGED <input type="checkbox"/> d. WOMEN-OWNED <input type="checkbox"/> e. HUBZone <input type="checkbox"/> f. SERVICE-DISABLED VETERAN-OWNED <input type="checkbox"/> g. WOMEN-OWNED SMALL BUSINESS (WOSB) ELIGIBLE UNDER THE WOSB PROGRAM <input type="checkbox"/> h. EDWOSB					
13. PLACE OF		14. GOVERNMENT B/L NO.		15. DELIVER TO F.O.B. POINT ON OR BEFORE (Date)	
a. INSPECTION Destination	b. ACCEPTANCE Destination				

## 17. SCHEDULE (See reverse for Rejections)

ITEM NO. (a)	SUPPLIES OR SERVICES (b)	QUANTITY ORDERED (c)	UNIT (d)	UNIT PRICE (e)	AMOUNT (f)	QUANTITY ACCEPTED (g)
	DUNS Number: 006928857 BP/Prudhoe Bay (Region 10)  This Action hereby issues Time & Materials TO number 0002. The contractor's task order proposal submitted 1/16/2013 is Continued ...					

SEE BILLING INSTRUCTIONS ON REVERSE	18. SHIPPING POINT		19. GROSS SHIPPING WEIGHT		20. INVOICE NO.		17(h) TOTAL (Cont. pages)
	21. MAIL INVOICE TO:						
	a. NAME		RTP Finance Center				\$20,000.00
	b. STREET ADDRESS (or P.O. Box)		US Environmental Protection Agency RTP-Finance Center Mail Drop D143-02 109 TW Alexander Drive				\$84,705.00
c. CITY		d. STATE	e. ZIP CODE				
Durham		NC	27711				

22. UNITED STATES OF AMERICA BY (Signature)

23. NAME (Typed)  
Nadia Velasco  
TITLE: CONTRACTING/ORDERING OFFICER

# ORDER FOR SUPPLIES OR SERVICES

## SCHEDULE - CONTINUATION

PAGE NO  
2

IMPORTANT: Mark all packages and papers with contract and/or order numbers.

DATE OF ORDER 01/31/2013	CONTRACT NO. EP-W-13-001	ORDER NO. 0002
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ITEM NO. (a)	SUPPLIES/SERVICES (b)	QUANTITY ORDERED (c)	UNIT (d)	UNIT PRICE (e)	AMOUNT (f)	QUANTITY ACCEPTED (g)
0001	<p>hereby approved and incorporated by reference in the amount of \$84,705.00 (authorized TO ceiling). This action also incrementally funds this TO in the amount of \$20,000.00 (obligated TO ceiling) which the contractor is not authorized to exceed.</p> <p>Roberta Hedeem is appointed as the Task Order Contracting Officer's Representative (TOCOR). The work under this task order is non-severable. All other terms and conditions are hereby incorporated by reference from the parent Contract (EP-W-13-001).</p> <p>TOPO: Roberta Hedeem Max Expire Date: 12/31/2013 Admin Office: SRRPOD US Environmental Protection Agency Ariel Rios Building 1200 Pennsylvania Avenue, N. W. Mail Code: 3805R Washington DC 20460 Period of Performance: 01/31/2013 to 12/31/2013</p> <p>Base Period</p> <p>Accounting Info: 13-E1-10B1-302D11-2505-1310BDR002-001 BFY: 13 Fund: E1 Budget Org: 10B1 Program (PRC): 302D11 Budget (BOC): 2505 DCN - Line ID: 1310BDR002-001 Funding Flag: Complete Funded: \$20,000.00</p>				20,000.00	

TOTAL CARRIED FORWARD TO 1ST PAGE (ITEM 17(H))

\$20,000.00

**SUPERFUND-Eastern Michaud Flats**  
**Contract: REPA-5**

**CONTRACT NUMBER:**  
**CONTRACT NAME: REPA 5**  
**CONTRACTOR NAME:**

**I. Title**

**SUPERFUND-EASTERN MICHAUD FLATS**

Eastern Michaud Flats Superfund Site  
Simplot Operable Unit (OU) - Consent Decree Implementation  
Off-Plant Operable Unit (OU) - Investigation, Proposed Plan and ROD Amendment

**II. Contract Officer Representatives**

EPA Regional Task Order Contract Officer Representative (RTOCOR)  
Amberet Green, Resource and RCRA State Programs Unit  
1200 – 6<sup>th</sup> Avenue, Suite 900, AWT-122  
Seattle, WA 98101  
[Green.amberet@EPA.gov](mailto:Green.amberet@EPA.gov)  
Work: (206) 553-0784  
Fax: (206) 553-8509

EPA Task Order Contract Officer Representative (TOCOR)  
Jannine Jennings, Office of Environmental Cleanup  
1200 – 6<sup>th</sup> Avenue, Suite 900, ECL-113  
Seattle, WA 98101  
[Jennings.jannine@epa.gov](mailto:Jennings.jannine@epa.gov)  
(206) 553-2724  
Fax: (206) 553-0124

**III. Authorization**

This Performance Work Statement (PWS) is in accordance with Tasks 1 and 2 of the REPA 5 Zone III Contract PWS.

**IV. Period of Performance**

The period of performance for this Task Order (TO) is from TO issuance through December 31, 2013.

**V. Background**

## **SUPERFUND-Eastern Michaud Flats**

### **Contract: REPA-5**

The Eastern Michaud Flats Superfund (EMF) site is located in Southeastern Idaho, 2.5 miles northwest of Pocatello, Idaho. The EMF site includes two adjacent phosphate ore processing plants - the J.R. Simplot Company Don Plant (Simplot), a fertilizer manufacturer, and the FMC Corporation, an elemental phosphorus production plant. Both facilities began operating in the 1940s. Simplot continues to actively manage the Don Plant. Operations at the FMC facility terminated in 2001. Support for remedial actions required at the FMC Operating Unit (OU) are not included in this TO.

The Simplot Plant produces 12 principal products including five grades of solid fertilizer and four grades of liquid fertilizer. The raw materials for their processes are phosphate ore, which is transported to the plant via a slurry pipeline from the Smoky Canyon mine, sulfur, air and natural gas. The primary waste or by-product from the Simplot Plant is phosphogypsum (gypsum) which is transported to large unlined stacks south of the processing plant. The plant also manages water from the various processes which is nutrient rich and is sold for irrigation and fertilization. The plant processes phosphate rock into phosphoric acid. The phosphate rock is ground and slurried at the mine and transported to the facility by pipeline. There it is reacted with sulfuric acid to produce phosphoric acid and by-product gypsum (calcium sulfate). The phosphoric acid is used to make various grades of fertilizer or is concentrated to produce stronger acids which are feedstocks to subsequent production lines. A system of baghouses and scrubbers are used to control air emissions. The gypsum is slurried with water and transported to an unlined gypsum stack south of the processing facility. Other process waters are collected and treated (pH adjusted) in a series of ponds, this water is nutrient rich and sold for irrigation/fertilization.

The EMF site was listed on the National Priorities List (NPL) on August 30, 1990 (FR 55, Number 169, 35502). EPA, FMC and Simplot negotiated an Administrative Order on Consent (AOC), under which Simplot and FMC agreed to conduct a RI/FS. The AOC was issued by EPA on May 30, 1991. Between 1990 and 1998, Simplot took a number of actions to reduce releases to the environment many of these were process/operational upgrades and are described in detail in Section 2.4.1 of the 1998 Record of Decision (ROD).

A ROD was signed in 1998 and included actions for FMC, Simplot and the Off-Plant area. Interim Record of Decision Amendments (IRODA) were issued in 2010 and 2012 for actions specific to the Simplot OU and the FMC OU.

A Consent Decree with Simplot was lodged with the court in late 2001. An August 2010 amendment addresses the additional requirements of the January 2010 IRODA. The Statement of Work (SOW), Appendix E of the 2010 Consent Decree, details the work Simplot is required to conduct in order to implement the IRODA.

The remedy for the Simplot OU includes the installation and operation of a groundwater

**SUPERFUND-Eastern Michaud Flats**  
**Contract: REPA-5**

extraction and monitoring system, construction of a liner for the gypsum stack, and development and implementation of a Phosphorus Source Control Plan (PSCP) to control all current, historic and future releases of phosphorus from the plant. The implementation of the PSCP may trigger additional source investigations, infrastructure improvements and remedial actions.

Ground water monitoring and evaluation to determine the effectiveness of the extraction system and other source control measures in reducing the contamination in the plant area and preventing migration of contaminants to the off-plant area shall be conducted as part of the remedy for this OU.

The Off-Plant OU covers areas outside of the Simplot OU and the FMC OU that have been impacted by operations at these facilities. Potential impacts to vegetation and soils were identified in the 1998 ROD. Additional sampling and analysis has been conducted to further characterize the human health and ecological risks. EPA's final review of these materials is ongoing. During 2013, EPA will determine if other data and/or assessment is needed and, if not, begin development of a Proposed Plan and ROD Amendment.

**VI. Objective**

The purpose of this PWS is to obtain contractor assistance to conduct oversight of remedial actions required at the Eastern Michaud Flats Superfund (EMF) Superfund Site, Simplot OU; to support actions necessary to characterize risks at the Off-Plant OU; and to develop a Proposed Plan and ROD Amendment for the Off-Plant OU.

The Simplot OU remedial actions include oversight and review of the ground water extraction and monitoring system, the Gypsum Stack Lining Project, the Phosphorus Source Control Plan and additional investigations or remedial actions necessary to characterize and control containment sources at the OU as described in the 2010 Amended Statement of Work for RD/RA Consent Decree (June 3, 2010), Appendix E to the 2010 Consent Decree.

At the Off-Plant OU, studies have been performed to assist in characterizing human health and ecological risks due to exposure of fluoride, radiological contaminants and metals. A study was also performed specific to plants used and consumed by members of the Shoshone-Bannock Tribes in an area of cultural significance near the facilities. The results of these studies have been compiled and are currently undergoing final review. In 2013, EPA expects to review these materials and determine if further information is required prior to making a remedy decision. If further information is required, appropriate steps will be taken to collect that information. If not, a Proposed Plan and ROD Amendment will be developed.

**SUPERFUND-Eastern Michaud Flats**  
**Contract: REPA-5**

**VII. Assumptions and Constraints**

The Contractor shall provide personnel, services, materials, and supplies necessary to review and comment on the Simplot OU and Off-Plant OU deliverables. The Contractor shall be familiar with the Superfund Eastern Michaud Flats Record of Decision (as amended for the Simplot OU), the Simplot Consent Decree and SOW, the existing draft and final reports characterizing risks at the Off-Plant OU and the manufacturing processes and hazardous materials manufactured and wastes generated at the facilities. Reviews should include but are not limited to: a fatal flaw analysis of engineering designs, review of the plans and designs for constructability, review of the plans and designs for conformance with current engineering standards and best engineering practices, advise on the ability of the plans and designs to meet the design criteria specified in the SOW, conformance of the deliverables to current EPA guidance and any negotiated AOC's, Consent Decrees, or agreements with EPA, and overall technical adequacy.

When requested by the TOCOR, the Contractor shall provide a verbal estimate of the LOE and time frame required to complete the task.

**VIII. Scope**

**Task 1 - SIMPLOT OU**

**Subtask 1.1 Simplot Quality Control/Quality Assurance**

The Contractor shall perform quality control and assurance of deliverables.

**Subtask 1.2 Simplot Progress Reports**

The Contractor shall review progress reports submitted by Simplot providing status of activities related to the groundwater extraction and monitoring system, the gypsum stack lining project and source control activities at the plant. Reports are submitted per the schedule specified in project work plans and include monthly, quarterly and annual reporting. Progress reports generally include: a description of activities/tasks undertaken during the reporting period, and expected to be undertaken during the next reporting period; deliverables and milestones completed during the reporting period, and expected to be completed during the next reporting period; identification of issues and actions that have been or are being taken to resolve the issues; and the status of the overall project schedule and any proposed schedule changes.

Technical Memoranda may be submitted when requesting modification of plans, designs, and schedules. In the event that EPA or Simplot determines that modification of an approved plan, design, or schedule is necessary, a technical memorandum describing the modification may be submitted. The Contractor shall review Technical Memoranda submitted by Simplot.

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**Subtask 1.3 Simplot Remedial Action - Groundwater Extraction and Monitoring System**

A groundwater extraction and monitoring system has been installed and is operating at the OU. The Contractor shall review all documents prepared by Simplot as part of the operation of this system including any updates to currently approved plans and new work plans for modifications or supplemental investigation that may be required.

Performance monitoring will be conducted to ensure that all performance standards are met. The Contractor shall review the following deliverables: groundwater monitoring report, validated data reports, quarterly extraction system evaluation reports, annual extraction system reports and annual groundwater monitoring evaluation reports.

**Subtask 1.4 Simplot Remedial Action - Phosphorus Source Control**

The Contractor shall review and prepare comments on the Phosphorus Source Control Plan and all documents submitted by Simplot during the development or implementation of that plan. This includes review of the plans and actions associated with repair and maintenance at the facility, reports of leaks in current infrastructure or releases to the environment, and infrastructure improvements. The Contractor shall also review all documents associated with supplemental investigations to further identify and characterize sources at the site and remedial actions required to address the identified sources.

**Subtask 1.5 Simplot Field Oversight and Inspections**

The Contractor may be required to perform field oversight of investigations and construction activities as requested by EPA. The Contractor may be required to observe groundwater sampling, well drilling, pump tests, aquifer tests, construction activities and additional site characterization work conducted to support the remedial actions required under the Consent Decree. The Contractor may be required to participate in inspections of work performed at the facility. The Contractor shall complete documentation of these activities as requested by the EPA TOCOR.

**Subtask 1.6 Simplot Meeting Support**

The Contractor shall participate in scoping and comment resolution meetings with the facility and other entities as requested by the EPA TOCOR.

The Contractor shall refer to performance requirements and standards in accordance with Tasks 1 and 2 of the REPA 5 Zone III Contract PWS. In addition, the complexity level for this TO is highly complex in accordance with Tasks 1 and 2 of the REPA 5 Zone III Contract PWS.

**TASK 2 - OFF-PLANT OU**

**SUPERFUND-Eastern Michaud Flats**  
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**Subtask 2.1 Off-Plant Quality Control/Quality Assurance**

The Contractor shall perform quality control and assurance of deliverables.

**Subtask 2.2 Off-Plant TMDL/Surface Water Quality**

The Contractor shall review surface water monitoring reports and other technical documents prepared specific to Simplot and FMC's nutrient impacts to the Portneuf River. Documents to be reviewed for consistency with requirements of the IRODA and Consent Decree.

**Subtask 2.3 Off-Plant Monitoring and Risk Characterization**

The Contractor shall review documents prepared to characterize human health and environmental exposure due to air deposition of fluoride and other contaminants from the Simplot and FMC facilities. The contractor shall provide additional analysis of data and information needed to characterize the Off-Plant OU as requested by the TOCOR. The contractor will review air monitoring data reports and any revisions to the monitoring plan used to assess ongoing deposition to off-plant areas.

In the event additional data is need for the Off-Plant OU, the Contractor may be required to review or develop a work plan, assist with the investigation and evaluation of the results. The Contractor may be required conduct field sampling in accordance with an approved QAPP, and, subsequently write a report to present an analysis of the collected data.

**Subtask 2.4 Off-Plant Document Development and Review**

The Contractor will assist with development of the Proposed Plan and ROD Amendment for the Off-Plant OU, including preparing a response to public comments. The Contractor will develop and address EPA review comments on these documents as requested by the TOCOR. Issues to be addressed will include, but are not limited to: fluoride deposition, cadmium uptake by fruits and vegetables, and radium contamination.

**Subtask 2.5 Off-Plant OU Meeting Support**

The Contractor shall participate in scoping meetings, public meetings and comment resolution meetings with the facilities, the State and the Tribes as requested by the EPA TOCOR.

The Contractor shall refer to performance requirements and standards in accordance with Tasks 1 and 2 of the REPA 5 Zone III Contract PWS. In addition, the complexity level for this TO is highly complex in accordance with Tasks 1 and 2 of the REPA 5 Zone III Contract PWS.

**IX. Performance Measures and Quality Assurance**

The Contractor shall propose performance measures related to quality and timeliness of

**SUPERFUND-Eastern Michaud Flats**  
**Contract: REPA-5**

deliverables. The Contractor shall propose the quality assurance systems and methods for periodic measurement, collection and reporting of its performance data.

The Contractor's deliverables will be inspected by the Government for acceptability. Unacceptable deliverables will be returned to the Contractor with comments and directions for necessary corrections or rework, as may be applicable.

**X. Technical Direction**

The TOCOR is authorized to provide technical direction, which clarifies the PWS. Technical direction must be within the scope of the contract and the TO. Technical direction is instruction to the Contractor that approves approaches, solutions, designs, or refinements; fills in details; completes the general description of work or documentation items; shifts emphasis among work areas or tasks; or provides similar guidance. It includes evaluation of Contractor performance and comments on deliverables.

The TOCOR shall issue technical direction in writing or confirm in writing within five (5) calendar days after verbal issuance. The TOCOR shall forward copies of the technical direction to the Contracting Officer (CO) and RTOCOR.

The CO is the only person authorized to make changes to the TO or contract. Any changes to the TO scope, period of performance or deliverable due dates must be approved by the CO in writing.

**XI. Schedule of Tasks & Deliverables**

The Contractor shall perform/submit the following tasks and deliverables within the time frames established:

**Task 1 Simplot OU**

**Subtask 1.1 Simplot Quality Control/Quality Assurance**

**Subtask 1.2 Simplot Progress Reports**

Monthly progress reports	10 days after receipt of materials from EPA
Quarterly and annual reports	15 days after receipt of materials from EPA

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Technical memoranda 10 days after receipt of materials from EPA

Subtask 1.3 Simplot Remedial Action - Groundwater Extraction and Monitoring

Document review 15 days after receipt of materials from EPA

Subtask 1.4 Simplot Remedial Action - Phosphorus Source Control

Document review 15 days after receipt of materials from EPA

Subtask 1.5 Simplot Field Oversight and Inspections

Field oversight and inspections As requested by EPA

Subtask 1.6 Simplot Meeting Support

Meetings As requested by TOCOR

**TASK 2 Off-Plant OU**

Subtask 2.1 Off-Plant Quality Control/Quality Assurance

Subtask 2.2 Off-Plant TMDL/Surface Water Quality

Monitoring report review 10 days after receipt of materials from EPA

Document review 15 days after receipt of materials from EPA

Subtask 2.3 Off-Plant Monitoring and Risk Characterization

Document review 15 days after receipt of materials from EPA

Analysis of existing data As requested by TOCOR

Monitoring report review 10 days after receipt of materials from EPA

Additional characterization studies As requested by TOCOR

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Subtask 2.4 Off-Plant Document Development and Review

Document review	15 days after receipt of materials from EPA
Document development	As requested by TOCOR

Subtask 2.5 Off-Plant OU Meeting Support

Meetings	As requested by TOCOR
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**EMF Superfund Site Scoping information**

**VII. Assumptions and Constraints**

Page 3 last sentence: "The Contractor shall be familiar with the Superfund Eastern Michaud Flats Record of Decision (as amended for the Simplot OU), the Simplot Consent Decree and SOW, ..."

Answer:

This was not meant to preclude the Toeroek team from bidding. Per EPA, the documents are publicly available on the EPA R10 EMF website. Wallace will email the link to Toeroek and BAH.

**Subtask 1.2**

**How many of each type of documents will be reviewed?**

**Answer:**

**2 monthly progress reports each month (24 total)**

**2 quarterly reports each quarter (8 total) and 2 annual reports**

**3-4 technical memoranda**

**Subtask 1.3**

**How many documents will be reviewed?**

**Answer:**

**12 monthly data reports**

**4 quarterly reports**

**1 annual report**

**Subtask 1.4**

**How many documents will be reviewed?**

**Answer:**

**1 plan that is under preparation, likely to have new draft sections for review every two**

**SUPERFUND-Eastern Michaud Flats**  
**Contract: REPA-5**

months

4 additional draft documents related to the supplemental investigations

**Subtask 1.5**

How many field oversight visits will be required? How many onsite days are each visit and how many people are required?

Answer:

1 oversight trip for 1 person for 2-3 days in Pocatello

How many inspections will be required?

Answer:

The inspection is annual and will be conducted at the same time as the field oversight trip. If other inspections are required they could be requested later but should not be reflected in this bid.

What is the 'documentation of the activities' referred to in the task description?

Answer:

It is a recording of the observations.

**Subtask 1.6 Simplot Meeting Support**

How many meetings should be priced? How many Contractor staff are required at each meeting? How long are the meetings? Where are the meetings held? Are meeting minutes or any deliverable required?

Answer:

Price 1 annual meeting in Pocatello for two days.

Phone meetings supporting subtask 1.4 – plan 2 hours for each review

1 two-hour phone meeting supporting subtask 1.3

Price meeting minutes for half of the meetings. Minutes not required for annual meeting.

**Subtasks 2.2 and 2.3**

How many documents will be reviewed?

Answer:

1 set of air monitoring data included within an annual report

1 annual surface water monitoring report review

**For subtask 2.3, what is meant by 'assist with the investigation'? How many field oversight visits will be required? How many onsite days are each visit and how many people are required? Is a deliverable required after the field sampling? How many samples are anticipated? Will EPA determine the sample locations? Will the EPA Regional laboratory perform the analysis? What analyses will be required? Will the Contractor need to perform data validation? If so, please provide further details for pricing.**

Answer:

While additional investigations may be required, they are not defined at this time. Do not price any field work or sampling at this time.

**Subtask 2.4**

**SUPERFUND-Eastern Michaud Flats**  
**Contract: REPA-5**

**How many responses to public comments should be priced?**

**Answer:**

**EPA is currently determining whether sufficient information exists to develop a Proposed Plan (assistance provided under this task) or if additional characterization is needed (assistance provided under task 2.3). If it is determined to develop Proposed Plan, contractor will be requested to assist in the preparation of that document and assist in compiling response to comments received. The number of comments to be addressed will be determined by the number submitted during the public comment period.**

**Subtask 2.5**

**How many meetings should be priced?**

**6 phone meetings**

**1 public meeting in Pocatello for 2 days**

EP-W-13-001 TASK ORDER 0002 MOD SUMMARY

Mod #	Reason For Modification	Award Date	Obligation	Total Amount
P00023	Funding Only Action	4/10/2018	\$20,000.00	\$0.00
P00022	Funding Only Action	12/13/2017	\$0.00	(\$20,000.00)
P00021	Other Administrative Action	12/5/2017	\$0.00	\$0.00
BASE		1/31/2013	\$20,000.00	\$84,705.00
020	Funding Only Action	5/31/2017	\$20,000.00	\$20,000.00
019	Funding Only Action	2/13/2017	\$0.00	\$0.00
018	Exercise an Option	2/6/2017	\$0.00	\$121,782.90
017	Funding Only Action	9/20/2016	\$0.00	\$0.00
016	Funding Only Action	6/6/2016	\$10,000.00	\$10,000.00
015	scope	4/8/2016	\$15,000.00	\$0.00
014	Funding Only Action	1/28/2016	\$0.00	\$0.00
013	Other Administrative Action	1/28/2016	\$0.00	\$0.00
012	Exercise an Option	1/27/2016	\$20,000.00	\$143,357.16
011	Funding Only Action	10/12/2015	\$10,000.00	\$0.00
010	Funding Only Action	5/19/2015	\$50,000.00	\$0.00
009		2/27/2015	\$30,000.00	\$0.00
008	Funding Only Action	12/16/2014	\$0.00	\$149,121.43
007	Funding Only Action	5/30/2014	\$75,000.00	\$0.00
006	Funding Only Action	2/10/2014	\$20,000.00	\$0.00
005	Funding Only Action	12/31/2013	\$0.00	\$132,919.85
004	Other Administrative Action	12/31/2013	\$0.00	\$0.00
003	Funding Only Action	7/25/2013	\$15,000.00	\$0.00
002	Funding Only Action	3/28/2013	\$31,353.00	\$0.00
001	Funding Only Action	2/22/2013	\$8,647.00	\$0.00
				<b>\$641,886.34</b>

# ORDER FOR SUPPLIES OR SERVICES

PAGE OF PAGES

1

8

IMPORTANT: Mark all packages and papers with contract and/or order numbers.

1. DATE OF ORDER 02/21/2013		2. CONTRACT NO. (If any) EP-W-13-001		6. SHIP TO: a. NAME OF CONSIGNEE Region 10	
3. ORDER NO. 0003		4. REQUISITION/REFERENCE NO. PR-R0-13-00074			
5. ISSUING OFFICE (Address correspondence to) SRRPOD US Environmental Protection Agency Ariel Rios Building 1200 Pennsylvania Avenue, N. W. Mail Code: 3805R Washington DC 20460				b. STREET ADDRESS US Environmental Protection Agency 1200 Sixth Avenue, Suite 900	
				c. CITY Seattle	e. ZIP CODE 98101
7. TO: HEATHER TEED				f. SHIP VIA	
a. NAME OF CONTRACTOR BOOZ ALLEN HAMILTON INC.				8. TYPE OF ORDER	
b. COMPANY NAME				<input type="checkbox"/> a. PURCHASE <input checked="" type="checkbox"/> b. DELIVERY REFERENCE YOUR: _____ Please furnish the following on the terms and conditions specified on both sides of this order and on the attached sheet, if any, including delivery as indicated.	
c. STREET ADDRESS 8283 GREENSBORO DRIVE 7039172337				Except for billing instructions on the reverse, this delivery order is subject to instructions contained on this side only of this form and is issued subject to the terms and conditions of the above-numbered contract.	
d. CITY MCLEAN		e. STATE VA	f. ZIP CODE 221023838		
9. ACCOUNTING AND APPROPRIATION DATA See Schedule				10. REQUISITIONING OFFICE SRRPOD	

11. BUSINESS CLASSIFICATION (Check appropriate box(es))				12. F.O.B. POINT Destination	
<input type="checkbox"/> a. SMALL <input checked="" type="checkbox"/> b. OTHER THAN SMALL <input type="checkbox"/> c. DISADVANTAGED <input type="checkbox"/> d. WOMEN-OWNED <input type="checkbox"/> e. HUBZone <input type="checkbox"/> f. SERVICE-DISABLED VETERAN-OWNED <input type="checkbox"/> g. WOMEN-OWNED SMALL BUSINESS (WOSB) ELIGIBLE UNDER THE WOSB PROGRAM <input type="checkbox"/> h. EDWOSB					
13. PLACE OF		14. GOVERNMENT B/L NO.		15. DELIVER TO F.O.B. POINT ON OR BEFORE (Date)	
a. INSPECTION Destination	b. ACCEPTANCE Destination				

## 17. SCHEDULE (See reverse for Rejections)

ITEM NO. (a)	SUPPLIES OR SERVICES (b)	QUANTITY ORDERED (c)	UNIT (d)	UNIT PRICE (e)	AMOUNT (f)	QUANTITY ACCEPTED (g)
	DUNS Number: 006928857 USCG Support Center - Kodiak, Alaska  This action hereby issues Time & Materials TO number 0003. The contractor's task order proposal submitted February 7, 2013 Continued ...					

SEE BILLING INSTRUCTIONS ON REVERSE	18. SHIPPING POINT		19. GROSS SHIPPING WEIGHT		20. INVOICE NO.		17(h) TOTAL (Cont. pages)
	21. MAIL INVOICE TO:						
	a. NAME RTP Finance Center						\$25,000.00
	b. STREET ADDRESS (or P.O. Box) US Environmental Protection Agency RTP-Finance Center Mail Drop D143-02 109 TW Alexander Drive						\$49,642.00
c. CITY Durham			d. STATE NC	e. ZIP CODE 27711		17(i) GRAND TOTAL	

22. UNITED STATES OF AMERICA BY (Signature)

23. NAME (Typed)  
Nadia Velasco  
TITLE: CONTRACTING/ORDERING OFFICER

**ORDER FOR SUPPLIES OR SERVICES**  
**SCHEDULE - CONTINUATION**

PAGE NO  
2

IMPORTANT: Mark all packages and papers with contract and/or order numbers.

DATE OF ORDER 02/21/2013	CONTRACT NO. EP-W-13-001	ORDER NO. 0003
-----------------------------	-----------------------------	-------------------

ITEM NO. (a)	SUPPLIES/SERVICES (b)	QUANTITY ORDERED (c)	UNIT (d)	UNIT PRICE (e)	AMOUNT (f)	QUANTITY ACCEPTED (g)
0001	<p>is hereby approved and incorporated by reference in the amount of \$49,642.00 (authorized TO ceiling). This action also incrementally funds this TO in the amount of \$25,000.00 (obligated TO ceiling) which the contractor is not authorized to exceed.</p> <p>Jan Palumbo is appointed as the Task Order Contracting Officer's Representative (TOCOR). The work under this task order is non-severable. All other terms and conditions are hereby incorporated by reference from the parent Contract (EP-W-13-001).</p> <p>TOPO: Jan Palumbo Max Expire Date: 12/31/2013 Admin Office: SRRPOD US Environmental Protection Agency Ariel Rios Building 1200 Pennsylvania Avenue, N. W. Mail Code: 3805R Washington DC 20460 Period of Performance: 02/21/2013 to 12/31/2013</p> <p>Base Period</p> <p>Accounting Info: 13--E1-10B1-303D11-2505---1310BDR001-0 01 BFY: 13 Fund: E1 Budget Org: 10B1 Program (PRC): 303D11 Budget (BOC): 2505 DCN - Line ID: 1310BDR001-001 Funding Flag: Complete Funded: \$25,000.00</p>				25,000.00	

TOTAL CARRIED FORWARD TO 1ST PAGE (ITEM 17(H))

\$25,000.00

USCG Kodiak Corrective Action and Closure PWS  
Contract#: REPA 5  
POP: 2/20/13 - 12/31/13  
Contractor: Booz Allen Hamilton

**CONTRACT NUMBER: EP-W-13-001**  
**CONTRACT NAME: REPA 5**  
**CONTRACTOR NAME: Booz Allen Hamilton**  
**TASK ORDER NUMBER: 0003**

## **I. Title**

**United States Coast Guard (USCG) Support Center - Kodiak, Alaska**  
**RFI/CMS/CMI/Interim Measures and Closure Reviews and Evaluations**

## **II. Contract Officer Information**

EPA Regional Task Order Contract Officer Representative (RTOCOR)  
Amberet Green  
1200 - 6<sup>th</sup> Avenue, Suite 900, AWT-122  
Seattle, WA 98101  
[Green.amberet@epa.gov](mailto:Green.amberet@epa.gov)  
Work: 206-553-0784  
Fax: 206-553-8509

EPA Task Order Contract Officer Representative (TOCOR)  
Jan Palumbo, RCRA Permits Unit  
1200 - 6<sup>th</sup> Avenue, Suite 900, AWT-121  
Seattle, WA 98101  
[palumbo.jan@epa.gov](mailto:palumbo.jan@epa.gov)  
Work: 206-553-6702  
Fax: 206-553-8509

## **III. Authorization**

This Performance Work Statement (PWS) is in accordance with Task 1 and 2 of the REPA 5 Zone III Contract PWS.

## **IV. Period of Performance**

The period of performance for this Task Order (TO) is from the date of the TOP approval to 12/31/13.

USCG Kodiak Corrective Action and Closure PWS  
Contract#: REPA 5  
POP: 2/20/13 - 12/31/13  
Contractor: Booz Allen Hamilton

## **V. Background**

The Kodiak facility was established during World War II as a U.S. Naval base. In 1972, the Navy turned the facility over to the Coast Guard which has maintained and operated it until the present time. From the time (1972 to present) the Coast Guard occupied the facility, hazardous waste has been managed at the site. The facility generates, as well as, stores hazardous waste. It has also operated as a disposal facility in the past.

The facility is subject to a Corrective Action (CA) Order under the Resource Conservation and Recovery Act (RCRA) Section 3008(h) and a Federal Facility Compliance Agreement (FFCA) under RCRA Section 6001. Pursuant to the CA Order, the facility has submitted the Phase I RCRA facility investigation (RFI) work plan, Phase I RFI report, Phase I corrective measures study (CMS) work plan and Phase II RFI work plan. These documents have been approved by the EPA. Pursuant to the FFCA, the facility also submitted six closure plans, which have been approved by the EPA; and an alternate groundwater monitoring plan for the laundry site, which has not been reviewed to date.

In fiscal year 1993, lack of funding prohibited USCG Kodiak from complying with the requirements of the FFCA. Because of this situation, the facility has received extensions to their closure plan schedules. As of November 1993, money is not the primary limitation to progress in the implementation of the approved closure plans and CA progress. As work progressed and data became available, it became apparent that one of the closing units (and possibly two others) will have to close as landfills. EPA decided to have the facility submit a post closure permit application for the unit(s) and the permit would require corrective action.

There will be documents submitted by Kodiak required by the Orders and by Permit. These include corrective action, groundwater, and closure and post closure documents required by RCRA Compliance and Part B permit requirements.

## **VI. Objective/Purpose**

The contractor shall review all submittals from the site work performed by the Coast Guard and the U.S. Army Corps of Engineers (including its authorized representatives), conduct site assessments and prepare reports to assess whether the Coast Guard is in compliance with the Corrective Action Order, the Federal Facility Compliance Agreement, and RCRA Permit requirements.

USCG Kodiak Corrective Action and Closure PWS  
Contract#: REPA 5  
POP: 2/20/13 - 12/31/13  
Contractor: Booz Allen Hamilton

## **VII. Scope of Work**

The contractor shall provide the personnel, services, materials, and equipment necessary to assist in: (1) the oversight of the CA project during all its facets; (2) the oversight of the FFCA, including the closure plan and groundwater monitoring requirements; (3) the oversight of the permit process, including the Part B permit for the storage unit, post-closure, equivalency demonstrations for clean closure, and 40 CFR 264 groundwater requirements.

Further, the facility is subject to regulations under many statutes (CWA, TSCA, RCRA, CERCLA, UST). The contractor shall provide input to EPA when requirements (essentially requiring similar action) of different Acts overlap, in an effort to manage the facility's clean-up in the best technical and financial manner.

### **THE CONTRACTOR SHALL:**

#### **TASK 1 – Document Reviews**

Review and provide comments on Coast Guard and Corps of Engineers submittals required under the RCRA Permit, including but not limited to workplans and reports related to closure, post closure, monitoring and corrective action.

Documents to be reviewed:

- 4 Quarterly Reports
- Site 6B Report
- Site 6B Workplan
- Site 9 Workplan
- Site 9 Report
- Site 18 Monitoring Reports
- Site 16 Workplan
- Site 16 Report
- Site 2 Workplan
- Site 2 Report
- Site 34 Workplan
- Site 34 Report
- Site 3 Workplan
- Site 3 Report

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Contractor: Booz Allen Hamilton

Site 23 Workplan  
Site 23 Report

USCG Kodiak Corrective Action and Closure PWS  
Contract#: REPA 5  
POP: 2/20/13 - 12/31/13  
Contractor: Booz Allen Hamilton

## **TASK 2 – Meetings/Site Visits**

Provide technical support during meetings/teleconferences and site visits. Includes one site visit for corrective action oversight and one project team meeting in Anchorage.

## **VIII. Performance Measures and Quality Assurance**

The contractor shall propose performance measures related to quality and timeliness of deliverables. The contractor shall propose the quality assurance systems and methods for periodic measurement, collection and reporting of its performance data.

The Contractor's deliverables will be inspected by the Government for acceptability. Unacceptable deliverables will be returned to the Contractor with comments and directions for necessary corrections or rework, as may be applicable. The complexity level of this effort is rated highly complex.

## **IX. Requirements/Qualifications**

The contractor staff assigned to this project shall be knowledgeable of RCRA regulations, particularly the groundwater monitoring requirements of 40 CFR Part 264 and 265 Subpart(s) F, and have familiarity with history of permitting and corrective action activities at this site.

## **X. Technical Direction**

The TOCOR is authorized to provide technical direction which clarifies the PWS as set forth in the TO. Technical direction must be within the contract and the TO PWS. Technical direction includes: (a) direction to the contractor which assists the contractor in accomplishing the PWS (e.g., discussions of tasks during scoping meetings); and (b) comments on and approval of reports and other deliverables.

The TOCOR shall issue technical direction to the contractor or confirm technical direction in writing within five (5) calendar days after verbal issuance. The TOCOR shall likewise forward a copy of the technical direction memorandum to the Contracting Officer (CO) or to the RTOCOR.

The CO is the only person authorized to make changes to the TO or contract. Any changes to the scope of work must be approved by the CO in writing, as an amendment to the TO PWS or a modification to the contract.

USCG Kodiak Corrective Action and Closure PWS  
Contract#: REPA 5  
POP: 2/20/13 - 12/31/13  
Contractor: Booz Allen Hamilton

## **XI. Schedule of Tasks & Deliverables**

The contractor shall perform/submit the following tasks and deliverables within the timeframes established below:

### **Task 1 – Document Reviews**

All Corrective Action Submittals  
(RFI, CMS, Groundwater Analysis, etc).

Closure Reports . . . . . 30 days after receipt of request from EPA.

### **Task 2 – Meetings, Site Visits**

Site Visits/Meetings . . . . . As scheduled by the EPA TOCOR.

#### **NOTE:**

Requests for deliverable extensions must be made before the anticipated due date of the comments. Extensions may be granted, but only after approval from the EPA TOCOR.

EP-W-13-001 TASK ORDER 003 MOD SUMMARY

Mod #	Reason For Modification	Award Date	Obligation	Total Amount
P00021	Funding Only Action	8/12/2018	\$43,942.88	\$43,942.88
P00020	Other Administrative Action	4/13/2018	\$0.00	\$0.00
P00019	Funding Only Action	4/13/2018	\$38,500.00	\$0.00
P00017	Other Administrative Action	12/5/2017	\$0.00	\$0.00
P00016	Funding Only Action	11/17/2017	\$0.00	\$0.00
BASE		2/21/2013	\$25,000.00	\$49,642.00
018	Funding Only Action	1/29/2018	\$15,000.00	\$53,516.52
015	Funding Only Action	6/5/2017	\$66,956.09	\$0.00
014	Funding Only Action	2/15/2017	\$0.00	\$0.00
013	Exercise an Option	1/25/2017	\$989.19	(\$906.04)
012	Funding Only Action	10/20/2016	\$0.00	\$0.00
011	Funding Only Action	4/6/2016	\$11,632.86	\$0.00
010	scope	2/24/2016	\$0.00	\$106,916.55
009	Funding Only Action	2/17/2016	\$20,000.00	\$0.00
008	Exercise an Option	1/28/2016	\$7,750.00	\$104,874.21
007	Funding Only Action	4/29/2015	\$94,000.00	\$0.00
006	Funding Only Action	11/19/2014	\$0.00	\$123,552.82
005	Funding Only Action	4/14/2014	\$75,000.00	\$0.00
004	Funding Only Action	1/14/2014	\$0.00	\$121,194.00
003	Other Administrative Action	9/3/2013	\$0.00	\$49,642.00
002	Other Administrative Action	8/29/2013	\$18,358.00	\$25,254.00
001	Funding Only Action	7/25/2013	\$24,642.00	\$0.00
				<b>\$677,628.94</b>

# ORDER FOR SUPPLIES OR SERVICES

PAGE OF PAGES

1

6

IMPORTANT: Mark all packages and papers with contract and/or order numbers.

1. DATE OF ORDER 02/22/2013		2. CONTRACT NO. (If any) EP-W-13-001		6. SHIP TO:	
3. ORDER NO. 0004		4. REQUISITION/REFERENCE NO. PR-R8-12-00184		a. NAME OF CONSIGNEE  USEPA REGION 8	
5. ISSUING OFFICE (Address correspondence to) SRRPOD US Environmental Protection Agency Ariel Rios Building 1200 Pennsylvania Avenue, N. W. Mail Code: 3805R Washington DC 20460				b. STREET ADDRESS 1595 Wynkoop St. Mail Code: 8P-R	
				c. CITY Denver	e. ZIP CODE 80202-1129
7. TO: HEATHER TEED				f. SHIP VIA	
a. NAME OF CONTRACTOR BOOZ ALLEN HAMILTON INC.				8. TYPE OF ORDER	
b. COMPANY NAME				<input type="checkbox"/> a. PURCHASE <input checked="" type="checkbox"/> b. DELIVERY	
c. STREET ADDRESS 8283 GREENSBORO DRIVE 7039172337				REFERENCE YOUR:  Please furnish the following on the terms and conditions specified on both sides of this order and on the attached sheet, if any, including delivery as indicated.	
d. CITY MCLEAN		e. STATE VA	f. ZIP CODE 221023838		
9. ACCOUNTING AND APPROPRIATION DATA See Schedule				10. REQUISITIONING OFFICE SRRPOD	

11. BUSINESS CLASSIFICATION (Check appropriate box(es))				12. F.O.B. POINT Destination	
<input type="checkbox"/> a. SMALL <input checked="" type="checkbox"/> b. OTHER THAN SMALL <input type="checkbox"/> c. DISADVANTAGED <input type="checkbox"/> d. WOMEN-OWNED <input type="checkbox"/> e. HUBZone <input type="checkbox"/> f. SERVICE-DISABLED VETERAN-OWNED <input type="checkbox"/> g. WOMEN-OWNED SMALL BUSINESS (WOSB) ELIGIBLE UNDER THE WOSB PROGRAM <input type="checkbox"/> h. EDWOSB					
13. PLACE OF		14. GOVERNMENT B/L NO.		15. DELIVER TO F.O.B. POINT ON OR BEFORE (Date)	
a. INSPECTION Destination	b. ACCEPTANCE Destination				

## 17. SCHEDULE (See reverse for Rejections)

ITEM NO. (a)	SUPPLIES OR SERVICES (b)	QUANTITY ORDERED (c)	UNIT (d)	UNIT PRICE (e)	AMOUNT (f)	QUANTITY ACCEPTED (g)
	DUNS Number: 006928857 Corrective Action Technical Support for Risk Assessment (Region 8)  This Action hereby issues Time & Materials TO number 0004. The contractor's task Continued ...					
SEE BILLING INSTRUCTIONS ON REVERSE	18. SHIPPING POINT	19. GROSS SHIPPING WEIGHT		20. INVOICE NO.		17(h) TOTAL (Cont. pages)
	21. MAIL INVOICE TO:					
	a. NAME	RTP Finance Center				\$5,000.00
	b. STREET ADDRESS (or P.O. Box)	US Environmental Protection Agency RTP-Finance Center Mail Drop D143-02 109 TW Alexander Drive				\$39,980.00
	c. CITY	d. STATE	e. ZIP CODE			
	Durham	NC	27711		17(i) GRAND TOTAL	

22. UNITED STATES OF AMERICA BY (Signature)

23. NAME (Typed)  
Nadia Velasco  
TITLE: CONTRACTING/ORDERING OFFICER

# ORDER FOR SUPPLIES OR SERVICES

## SCHEDULE - CONTINUATION

PAGE NO

2

IMPORTANT: Mark all packages and papers with contract and/or order numbers.

DATE OF ORDER	CONTRACT NO.	ORDER NO.
02/22/2013	EP-W-13-001	0004

ITEM NO.	SUPPLIES/SERVICES	QUANTITY ORDERED	UNIT	UNIT PRICE	AMOUNT	QUANTITY ACCEPTED
(a)	(b)	(c)	(d)	(e)	(f)	(g)
0001	<p>order proposal submitted 1/28/2013 is hereby approved and incorporated by reference in the amount of \$39,980.00 (authorized TO ceiling). This action also incrementally funds this TO in the amount of \$5,000.00 (obligated TO ceiling) which the contractor is not authorized to exceed.</p> <p>Cheryl Overstreet is appointed as the Task Order Contracting Officer's Representative (TOCOR). The work under this task order is severable. All other terms and conditions are hereby incorporated by reference from the parent Contract (EP-W-13-001).</p> <p>TOPO: Cheryl Overstreet Max Expire Date: 12/31/2013</p> <p>Admin Office:</p> <p style="padding-left: 40px;">SRRPOD</p> <p style="padding-left: 40px;">US Environmental Protection Agency</p> <p style="padding-left: 40px;">Ariel Rios Building</p> <p style="padding-left: 40px;">1200 Pennsylvania Avenue, N. W.</p> <p style="padding-left: 40px;">Mail Code: 3805R</p> <p style="padding-left: 40px;">Washington DC 20460</p> <p>Period of Performance: 02/22/2013 to 12/31/2013</p> <p>Base Period</p> <p>Accounting Info:</p> <p>12-13-B-08K-302DA2-2505---1208KPC808-0</p> <p>01 BFY: 12 EFY: 13 Fund: B Budget</p> <p>Org: 08K Program (PRC): 302DA2 Budget</p> <p>(BOC): 2505 DCN - Line ID:</p> <p>1208KPC808-001</p> <p>Funding Flag: Complete</p> <p>Funded: \$5,000.00</p>				5,000.00	

TOTAL CARRIED FORWARD TO 1ST PAGE (ITEM 17(H))

\$5,000.00

Name of Project: Corrective Action Technical Support for Risk Assessment

---

Contract Number: EP-W-13-001

Contract Name: REPA 5

Contractor Name: Boos Allen Hamilton

Regional Task Order Number: 0004

Date: 11 January 2013

I. Title: Corrective Action Technical Support for Risk Assessment

II. Contract Officer Representatives

a. EPA Regional Task Order Contract Officer Representative (RTOCOR)

Benjamin Bents  
US EPA Region 8  
1595 Wynkoop Street  
Denver, CO 80202-1129  
[bents.benjamin@epa.gov](mailto:bents.benjamin@epa.gov)  
Phone: (303) 312-6435  
Fax: (303) 312-6341

b. EPA Task Order Contract Officer Representative (TOCOR)

Cheryl Overstreet  
US EPA Region 8  
1595 Wynkoop Street  
Denver, CO 80202-1129  
[overstreet.cheryl@epa.gov](mailto:overstreet.cheryl@epa.gov)  
Phone: (303) 312-6088  
Fax: 303-312-6341

III. Authorization

This Performance Work Statement (PWS) is in accordance with the following Tasks:

Task 1 Technical Oversight

- 1.1 Technical Review of Documents
- 1.2 Technical Analysis Assessment Support

IV. Period of Performance

The period of performance for this Task Order (TO) is from the date of Contracting Officer issuance through December 31, 2013.

V. Background

The EPA Region 8 Solid and Hazardous Waste Program oversees the implementation of the RCRA Corrective Action Program at RCRA regulated facilities in North Dakota, South Dakota, Colorado, Wyoming, Utah, and Montana. The Corrective Action Program requires evaluation of potential human health and ecological risks resulting from releases of hazardous waste and hazardous constituents from solid waste management units and areas of concern. In addition to direct implementation of the Corrective Action Program at a number of facilities, EPA Region 8, through the REPA contract, is providing technical support to

its respective state Hazardous Waste Program regulators on human health and ecological risk assessments at RCRA regulated facilities. This support consists of reviewing and commenting on facility-generated risk assessments and supporting documents and, when necessary, producing facility-specific risk assessments based on facility- or EPA-generated data. In addition, EPA provides support to state regulators by developing tools and guidance for human health and ecological risk assessment for use in state-implemented clean-up programs.

#### VI. Objective/Purpose

The contractor shall assist in providing human health and ecological risk assessment expertise and capacity to EPA and state Hazardous Waste Program regulators within EPA Region 8. Adequate technical support is integral to the effective delegation of the RCRA Corrective Action Program to states, and risk assessment support is particularly crucial to the achievement of Environmental Indicators (EIs), which are measures of progress toward cleanup, and to the selection of final remedies that result in acceptable levels of human health and ecological risks.

#### VII. Assumptions and Constraints

With respect to technical risk assessment reviews, the contractor shall adhere to and reference current EPA risk assessment guidance including, but not limited to:

- Risk Assessment Guidance for Superfund (multi-volume),
- Guidelines for Ecological Risk Assessment, and
- Other pertinent risk assessment policies, principles and guidance, much of which may be found at EPA's Risk Assessment Portal: [www.epa.gov/risk](http://www.epa.gov/risk)

With respect to travel, attendance at meetings, and conference calls, the contractor shall assume the following:

- Travel: Travel that expedites the protection of human health or the environment may be necessary. This would consist of site visits or meetings to explain better approaches to evaluating risk based upon site conditions and other constraints. No more than 1 trip is expected during the January 2013- December 2015 timeframe.
- Meetings: Meetings which are deemed necessary by the site project managers and TOCOR may be required with adequate notice.
- Conference Calls: Periodic calls with the TOCOR and "as needed" calls with other Federal and state agencies and/or other public and private sector technical experts.

The assumption is that sites that are specifically listed will maintain their current schedule in developing products to be reviewed.

#### VIII. Scope

The scope of this TO includes all activities related to the review and analysis of human health and ecological risk assessments for hazardous waste facilities including development of tools related to risk assessment improvement and review.

The specific tasks included in this TO are:

##### A. Technical Reviews and Risk Evaluations

In addition to the 4 sites listed below, there can be substitutions made depending on shifting priorities within Region 8 states and national priorities.

1. Asarco Former Smelter, East Helena, MT:

#### Site-Wide Human Health Risk Assessment and Technical Memoranda

Corrective Measure Study options to support human health and/or ecological risk assessments.

The human health and ecological risk assessments for this site are intended to fill gaps identified in the previous Superfund risk assessments as well as to characterize risks in outlying areas of the site. The reviews of the risk assessments and technical memoranda are expected to be of moderate complexity.

The deliverables for this subtask will consist of a single set of technical comments for each risk assessment and technical memorandum.

#### 2. ATK Promontory, Utah

Human Health risk assessment on Open Burning/Open Detonation areas. This risk assessment follows EPA combustion guidance for human health.

Air Deposition modeling is the basis for risk assessments and may need technical evaluation prior to risk assessment review.

Ecological risk assessment work plan and/or assessment will follow the development of the human health risk assessment and is not anticipated until 2014.

Corrective Action risk assessments and/or technical memoranda.

The reviews of the risk assessments, modeling, and technical memoranda are expected to be of moderate complexity.

The deliverables for this subtask will consist of a single set of technical comments for each risk assessment and technical memorandum.

#### 3. Rhodia Silver Bow Plant, Butte, MT:

Human Health Risk Assessment work plan and Technical Memoranda

Ecological Risk Assessment work plan and Technical Memoranda

Human Health risk assessment

Ecological Risk Assessment

Corrective Measure Study with determinations of human health and ecological risk.

The reviews of the risk assessment work plan, technical memoranda, and risk assessments are expected to be of moderate complexity. The risk assessments and work plans will also include radionuclides. It is expected that the rad risk assessment will be developed using primarily OSWER guidance. However, one parcel will be developed using ResRad and will need a reviewer with experience with both approaches.

The CMS is not expected until 2014.

The deliverables for this subtask will consist of a single set of technical comments for each work plan, technical memorandum, and risk assessment. Participation in conference calls may also be necessary.

#### 4. Vertellus, Utah

Human health and ecological risk assessment work plans, risk assessments and Technical Memoranda.

The reviews of the risk assessment work plan and technical memoranda are expected to be of moderate complexity.

The deliverables for this subtask will consist of a single set of technical comments for each work plan and technical memorandum.

B. Development of Risk Assessment Tools/Guidance

It is sometimes necessary to develop additional screening values for assessing ecological risks. This deliverable will be in the form of values with supporting documentation.

Provide risk assessment tools/guidance to states to enable their reviews of risk assessments. This task is not expected to be needed until 2015.

IX. Performance Measures and Quality Assurance

The contractor shall propose performance measures related to quality and timeliness of deliverables. The contractor shall propose the quality assurance systems and methods for periodic measurement, collection and reporting of its performance data.

The contractor shall coordinate and integrate all activity needed to provide the required support (e.g. problem identification/resolution strategy, responses to inquiries, and/or technical, service, administrative issues, etc.) in a timely, complete and effective manner. The contractor shall use appropriate monitoring tools to ensure technical support and deliverables meet contract and TO requirements.

Deliverables shall meet the schedule deadlines and cost presented in the TO. Written deliverables shall be well-organized and free of grammatical errors, misspellings and incomplete sentences. As required, written deliverables shall also have high-quality professional graphics

The contractor shall utilize staff with the appropriate level of education and work experience to meet the task order requirements. Specialized and/or expert staff must meet minimum requirements as identified in individual task orders. Contractor staff shall demonstrate a high level of professionalism.

X. Technical Direction

The TOCOR (Cheryl Overstreet) is authorized to provide technical direction, which clarifies the PWS. Technical direction must be within the scope of the contract and the Task Order. Technical direction is instruction to the contractor that approves approaches, solutions, designs or refinements; fills in details, completes the general description of work or documentation items; shifts emphasis among work areas or tasks; or provides similar guidance. It includes evaluation of contractor performance and comments on deliverables.

The TOCOR (Cheryl Overstreet) will issue technical direction in writing or confirm such direction in writing within five (5) calendar days after verbal issuance. The TOCOR will forward copies of the technical direction to the RTCOR (Benjamin Bents). The CO is the only person authorized to make changes to the TO or contract. Any changes to the TO scope, period of performance or deliverable due dates must be approved by the CO in writing.

XI. Schedule of Deliverables

In most cases, the contractor shall submit comments on risk assessments, work plans, reports, and related documents within 32 days of receiving the subject documents. Other deliverable deadlines can be determined based upon the complexity, length of document, and deadlines. Under this TO, the contractor shall produce draft and final submittals in suitable electronic format unless otherwise noted.

EP-W-13-001 TASK ORDER 0004 MOD SUMMARY

Mod #	Reason For Modification	Award Date	Obligation	Total Amount
P00007	Funding Only Action		\$0.00	\$0.00
P00006	Funding Only Action	7/3/2018	(\$574.99)	(\$574.99)
BASE		2/22/2013	\$5,000.00	\$39,980.00
005	Other Administrative Action	9/13/2017	\$0.00	\$0.00
004	Funding Only Action	5/11/2017	(\$574.99)	(\$574.99)
003	Other Administrative Action	11/13/2013	\$0.00	\$0.00
002	Other Administrative Action	8/13/2013	\$6,891.00	\$6,891.00
001	Funding Only Action	4/10/2013	\$34,980.00	\$0.00
				<b>\$45,721.02</b>

# ORDER FOR SUPPLIES OR SERVICES

PAGE OF PAGES

1

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IMPORTANT: Mark all packages and papers with contract and/or order numbers.

1. DATE OF ORDER 03/07/2013		2. CONTRACT NO. (If any) EP-W-13-001		6. SHIP TO: a. NAME OF CONSIGNEE Region 10	
3. ORDER NO. 0005		4. REQUISITION/REFERENCE NO. PR-R0-12-00263			
5. ISSUING OFFICE (Address correspondence to) SRRPOD US Environmental Protection Agency Ariel Rios Building 1200 Pennsylvania Avenue, N. W. Mail Code: 3805R Washington DC 20460				b. STREET ADDRESS US Environmental Protection Agency 1200 Sixth Avenue, Suite 900	
				c. CITY Seattle	e. ZIP CODE 98101
7. TO: HEATHER TEED				f. SHIP VIA	
a. NAME OF CONTRACTOR BOOZ ALLEN HAMILTON INC.				8. TYPE OF ORDER	
b. COMPANY NAME				<input type="checkbox"/> a. PURCHASE <input checked="" type="checkbox"/> b. DELIVERY REFERENCE YOUR: _____ Please furnish the following on the terms and conditions specified on both sides of this order and on the attached sheet, if any, including delivery as indicated.	
c. STREET ADDRESS 8283 GREENSBORO DRIVE 7039172337				Except for billing instructions on the reverse, this delivery order is subject to instructions contained on this side only of this form and is issued subject to the terms and conditions of the above-numbered contract.	
d. CITY MCLEAN		e. STATE VA	f. ZIP CODE 221023838		
9. ACCOUNTING AND APPROPRIATION DATA See Schedule				10. REQUISITIONING OFFICE SRRPOD	

11. BUSINESS CLASSIFICATION (Check appropriate box(es)) <input type="checkbox"/> a. SMALL <input checked="" type="checkbox"/> b. OTHER THAN SMALL <input type="checkbox"/> c. DISADVANTAGED <input type="checkbox"/> d. WOMEN-OWNED <input type="checkbox"/> e. HUBZone <input type="checkbox"/> f. SERVICE-DISABLED VETERAN-OWNED <input type="checkbox"/> g. WOMEN-OWNED SMALL BUSINESS (WOSB) ELIGIBLE UNDER THE WOSB PROGRAM <input type="checkbox"/> h. EDWOSB				12. F.O.B. POINT Destination	
13. PLACE OF a. INSPECTION Destination		b. ACCEPTANCE Destination		14. GOVERNMENT B/L NO.	
				15. DELIVER TO F.O.B. POINT ON OR BEFORE (Date)	
				16. DISCOUNT TERMS	

## 17. SCHEDULE (See reverse for Rejections)

ITEM NO. (a)	SUPPLIES OR SERVICES (b)	QUANTITY ORDERED (c)	UNIT (d)	UNIT PRICE (e)	AMOUNT (f)	QUANTITY ACCEPTED (g)
	DUNS Number: 006928857 FMC, Pocatello  This action hereby issues Time & Materials TO number 0005. The contractor's task order proposal submitted February 12, 2013 Continued ...					
SEE BILLING INSTRUCTIONS ON REVERSE	18. SHIPPING POINT		19. GROSS SHIPPING WEIGHT		20. INVOICE NO.	
	21. MAIL INVOICE TO:				\$7,500.00	17(h) TOTAL (Cont. pages)
	a. NAME RTP Finance Center					
	b. STREET ADDRESS (or P.O. Box) US Environmental Protection Agency RTP-Finance Center Mail Drop D143-02 109 TW Alexander Drive				\$11,717.00	17(i) GRAND TOTAL
c. CITY Durham		d. STATE NC	e. ZIP CODE 27711			

22. UNITED STATES OF AMERICA BY (Signature)

23. NAME (Typed)  
Nadia Velasco  
TITLE: CONTRACTING/ORDERING OFFICER

**ORDER FOR SUPPLIES OR SERVICES**  
**SCHEDULE - CONTINUATION**

PAGE NO

2

IMPORTANT: Mark all packages and papers with contract and/or order numbers.

DATE OF ORDER

CONTRACT NO.

03/07/2013

EP-W-13-001

ORDER NO.

0005

ITEM NO. (a)	SUPPLIES/SERVICES (b)	QUANTITY ORDERED (c)	UNIT (d)	UNIT PRICE (e)	AMOUNT (f)	QUANTITY ACCEPTED (g)
0001	<p>is hereby approved and incorporated by reference in the amount of \$11,717.00 (authorized TO ceiling). This action also incrementally funds this TO in the amount of \$7,500 (obligated TO ceiling) which the contractor is not authorized to exceed.</p> <p>Carl Fisher is appointed as the Task Order Contracting Officer's Representative (TOCOR). The work under this task order is non-severable. All other terms and conditions are hereby incorporated by reference from the parent Contract (EP-W-13-001).</p> <p>TOPO: Carla Fisher Max Expire Date: 12/31/2013 Admin Office: SRRPOD US Environmental Protection Agency Ariel Rios Building 1200 Pennsylvania Avenue, N. W. Mail Code: 3805R Washington DC 20460 Period of Performance: 03/07/2013 to 12/31/2013</p> <p>Base Period</p> <p>Accounting Info: 12-13-B-10B-302DA1-2505---1210BDR022-0 01 BFY: 12 EFY: 13 Fund: B Budget Org: 10B Program (PRC): 302DA1 Budget (BOC): 2505 DCN - Line ID: 1210BDR022-001 Funding Flag: Complete Funded: \$7,500.00</p>				7,500.00	

TOTAL CARRIED FORWARD TO 1ST PAGE (ITEM 17(H))

\$7,500.00

**PERFORMANCE WORK STATEMENT**  
CONTRACT NUMBER: EP-W-13-001  
CONTRACT NAME: REPA 5  
CONTRACTOR NAME: Booz Allen Hamilton

I. **Title** FMC, Pocatello

II. **Contract Officer Representatives**

**EPA Regional Task Order Contract Officer Representative (RTOCOR)**

Amberet Green  
EPA, Region 10  
1200 Sixth Avenue  
Suite 900, M/S AWT-122  
Seattle, WA 98101  
Green.Amberet@epa.gov  
(206) 553-0784  
(206) 553-8509 (fax)

**EPA Task Order Contract Officer Representative (TOCOR)**

Carla Fisher  
EPA, Region 10  
1200 Sixth Avenue  
Suite 900; M/S AWT-121  
[Fisher.Carla@epa.gov](mailto:Fisher.Carla@epa.gov)  
(206) 553-1756  
(206) 553-8509 (fax)

III. **Authorization**

This Performance Work Statement (PWS) is in accordance with Task 1, sub-task 1.1 and 1.2, of the REPA 5 Zone III Contract PWS.

IV. **Period of Performance**

The period of performance for this Task Order (TO) is from the date of Contracting Officer issuance through 12/31/13.

V. **Background**

FMC Corporation is located in Pocatello, Idaho on the Shoshone-Bannock Tribes Fort Hall Indian Reservation. The FMC plant covers 1,400 acres and was in operation from 1949 to 2001. FMC processed 1.4 million tons of phosphate-bearing shale ore per year which produced 250 million pounds of elemental phosphorus per year. When in operation, FMC mined the shale and transported this material to the plant where the ore was crushed and sized. The ore was formed into briquettes and calcined before being fed into furnaces where the elemental phosphorus was recovered.

The plant operation included several waste management units which have interim status under the Resource Conservation and Recovery Act (RCRA). The RCRA Part B permit application submitted in 1991 included several surface impoundments, a slag pit sump, a drum storage area, and several tanks. The surface impoundments contain wastes such as phosphy water and precipitator slurry from FMC's processing operations. As part of a 1998 RCRA Consent Decree, FMC was required to close a number of units, including eight RCRA surface impoundments and the slag pit sump according to RCRA closure standards and construct a waste treatment facility to safely treat the RCRA hazardous waste.

In December 2001, prior to operation of the waste treatment plant, FMC ceased operations. The waste treatment plant was dismantled and the eight RCRA surface impoundments were closed in 2004 and 2005 under the RCRA Consent Decree in accordance with EPA-approved RCRA closure plans.

FMC is required to monitor the performance of the RCRA caps and the slag pit sump in accordance with RCRA post-closure plans which were developed for each unit. The current post-closure plans include requirements for FMC to conduct periodic sampling and analysis of pond-specific ground-water monitoring wells and measurements of pressure and temperature from several temperature monitoring points located atop several of the surface impoundments. In addition, FMC is required to conduct periodic inspections and maintain the various components of the capped surface impoundments.

In 2006, excess phosphine gas was detected emanating from RCRA Pond 16S. In December 2006, EPA issued a Unilateral Administrative Order (UAO) under the Comprehensive Environmental Response, Compensation and Liability Act (CERCLA) which requires FMC to design, construct and operate a gas extraction and treatment system (GETS) which will extract and treat the phosphine gas until the levels of gas emanating from Pond 16S are at reduced to 10 percent of the lower explosive limit for at least one year.

Phosphine gas continued to be detected outside of the cap, including at electrical panels and manholes, at a number of the ponds. In some cases, concentrations were high enough that work could not be performed in the area. On April 16, 2010, FMC began extraction and treatment of gas at Pond 15S to address the releases from that pond. On June 14, 2010, the EPA issued a UAO to FMC under Section 106(a) of CERCLA requiring gas extraction and treatment at Ponds 8E, 15S, 17, and other ponds as necessary. In addition, the UAO requires comprehensive monitoring for phosphine gas and requires FMC to develop and implement a phosphine assessment program to develop an effective phosphine monitoring program and appropriate triggers for additional monitoring and/or gas extraction and treatment.

EPA is in the process of modifying the RCRA post-closure plans for the eight surface impoundments and the slag pit sump to consolidate them into one document, provide additional specificity on a number of post-closure requirements, and make several adjustments to reflect new information.

#### VI. **Objective/Purpose**

The purpose of this Task Order is to assist EPA in modifying and revising the nine RCRA post-closure plans and in reviewing FMC-generated monitoring and inspection reports related to post-closure activities. Additional assistance in developing a RCRA post-closure permit, or equivalent document and incorporating the modified post-closure plans in to this document may also be needed.

#### VII. **Assumptions and Constraints**

The post-closure plans will be modified in accordance with the applicable RCRA requirements under 40 CFR Part 264 – Standards for Owners and Operators of Hazardous Waste Treatment, Storage and Disposal Facilities.

VIII. **Scope**

**Task 1: Technical Review of FMC-Generated Documents Related to Post-Closure Activities**

The contractor shall provide technical reviews of facility-generated documents related to RCRA post-closure activities at the FMC facility. This task may include review of documents and reports generated as part of the CERCLA UAO for the RCRA Ponds. The contractor shall provide technical support at internal and external meetings to address/discuss technical review of documents. The contractor may be required to defend, clarify, or explain any comments or reports they generate based on the technical review. Meeting support may include technical facilitation and/or formal presentation using visual aids such as maps or computer programs. Meeting attendees may include representatives from FMC, Idaho Department of Environmental Quality, the Shoshone-Bannock Tribes, and the public.

The complexity level for this task is moderate.

Deliverables:   1. Technical Review of RCRA Pond Monitoring and Inspection Reports  
                      2. Technical Review of Removal Action Completion Report  
                      3. Technical Review of Technical Memoranda  
                      4. Technical Review of data submittals

**Task 2: Development and Review of Modified/Revised Post-Closure Plans**

The contractor shall provide technical reviews of the FMC-generated revised post-closure plans. If EPA elects to modify the post-closure plans unilaterally, the contractor shall provide technical assistance in developing the modified post-closure plans. This support may include assisting EPA in the development of the groundwater monitoring, phosphine and other pond gas monitoring, soil-gas monitoring, security procedures, operation and maintenance requirements, inspection requirements, contingency plan, and record keeping and reporting for post-closure care of the surface impoundments and slag pit sump. The contractor shall provide technical support at internal and external meetings to address/discuss proposed and final modifications to the post-closure plans. The contractor may be required to defend, clarify, or explain any comments or reports they generate based on the technical review. Meeting support may include technical facilitation and/or formal presentation using visual aids such as maps or computer programs. Meeting attendees may include representatives from FMC, Idaho Department of Environmental Quality, the Shoshone-Bannock Tribes, and the public.

The complexity level for this task is high. However, once the review of the revised post-closure plan is completed, the level of complexity may decrease to moderate.

Deliverables:   1. Technical Review of Revised Post-Closure Plan

**Task 3: Development of Post-Closure Permit or Equivalent Document**

The contractor shall provide technical support in development of the RCRA post closure permit or equivalent document. This support may include review of the groundwater monitoring, phosphine and other pond gas monitoring, soil-gas monitoring, operation and maintenance, security procedures, inspection requirements, personnel training, preparedness and prevention, contingency plan, and record keeping and reporting. The review shall focus on compliance with EPA regulations and guidance and the ability of these plans to address the issues specifically related to ignitable wastes. The post-closure permit, or equivalent document will be subject to public comment, therefore the contractor shall provide technical support in development of the Responsiveness Summary as a result of any public comment.

EPA may elect to use the Post-Closure Rule as promulgated under 40 CFR Parts 264, 265, 270 and 271. This rule allows the use of alternate authorities to impose post-closure requirements on RCRA facilities. The contractor shall become familiar with this rule and may be required to provide assistance to EPA with development of the technical requirements to be incorporated in the equivalent document.

The complexity level for this task is high

Deliverables: 1. Draft Post-Closure Permit  
2. Draft Responsiveness Summary

#### **TASK 4. Facility Closure/ Pond Closure / Inspections**

The contractor shall review facility post-closure RCRA-related issues which may include but are not limited to: post-closure monitoring and reporting, operation and maintenance, and leachate water management. These reviews shall focus on compliance with RCRA requirements, conformance to engineering practices, adequacy of the design to meet performance objectives as well as address the unique properties of elemental phosphorus. The contractor shall provide comments, meeting support, or site inspections as required by EPA.

Deliverables: 1. Inspection reports  
2. Comment summaries

#### **IX. Performance Measures and Quality Assurance**

The contractor shall propose performance measures related to quality and timeliness of deliverables. The contractor shall propose the quality assurance systems and methods for periodic measurement, collection and reporting of its performance data.

#### **X. Technical Direction**

The TOCOR is authorized to provide technical direction, which clarifies the PWS. Technical direction must be within the scope of the contract and the TO. Technical direction is instruction to the contractor that approves approaches, solutions, designs, or refinements; fills in details; completes the general description of work or documentation items; shifts emphasis among work areas or tasks; or provides similar guidance. It includes evaluation of contractor performance and comments on deliverables.

The TOCOR shall issue technical direction in writing or confirm in writing within five (5) calendar days after verbal issuance. The TOCOR shall forward copies of the technical direction to the Contracting Officer (CO) and RTOCOR.

The CO is the only person authorized to make changes to the TO or contract. Any changes to the TO scope, period of performance or deliverable due dates must be approved by the CO in writing.

#### **XI. Schedule of Deliverables**

All deliverables shall be provided electronically by the contractor in MSWord format. Additionally, two (2) copies of each deliverable shall be provided. All copies shall be double-sided.

The duplication of more than 5,000 copies of a single page or 25,000 or more total impressions is considered "printing" and, therefore, prohibited. For more information on restrictions relating to deliverables, the Contractor is referred to the EPA Publication Management Guide (EPA-175-K-92-011).

<b>SUMMARY OF DELIVERABLES AND DUE DATES</b>		
<b>Task</b>	<b>Deliverable</b>	<b>*Due Date</b>
1	Technical Review of RCRA Pond Monitoring and Inspection Reports	30 days after contractor receipt of document for review
	Technical Review of Removal Action Completion Report	30 days after contractor receipt of document for review
	Technical Review of Technical Memoranda	30 days after contractor receipt of document for review
	Technical Review of data submittals	30 days after contractor receipt of document for review
2	Technical Review of Revised Post-Closure Plan	30 days after contractor receipt of document for review
3	Draft Post-Closure Permit (or equivalent)	60 days after request by TOCOR
	Draft Responsiveness Summary	30 days after request by TOCOR
4	Inspection reports	30 days after completion of inspection
	Comment summaries	30 days after contractor receipt of document for review

\*Note: All days are calendar days unless otherwise specified.

EP-W-13-001 TASK ORDER 0005 MOD SUMMARY

Mod #	Reason For Modification	Award Date	Obligation	Total Amount
P00017	Supplemental Agreement for work within scope	6/11/2018	\$0.00	\$0.00
P00016	Other Administrative Action	12/1/2017	\$0.00	\$0.00
BASE		3/7/2013	\$7,500.00	\$11,717.00
015	Funding Only Action	9/28/2017	\$0.00	\$0.00
014	Funding Only Action	11/16/2016	\$0.00	\$0.00
013	Funding Only Action	10/7/2016	\$0.00	\$0.00
012	Other Administrative Action	10/7/2016	\$0.00	\$159,151.00
011	Funding Only Action	7/27/2016	(\$30,000.00)	(\$30,000.00)
010	Funding Only Action	4/6/2016	\$53,000.00	\$107,544.00
009	Exercise an Option	12/1/2015	\$16,000.00	\$16,000.00
008	Funding Only Action	5/19/2015	\$57,927.00	\$0.00
007	Other Administrative Action	4/21/2015	\$0.00	\$0.00
006		3/11/2015	\$4,500.00	\$0.00
005	Funding Only Action	1/28/2015	\$0.00	\$129,068.41
004	Other Administrative Action	10/31/2014	\$0.00	\$0.00
003	Funding Only Action	6/17/2014	\$50,500.00	\$0.00
002	Funding Only Action	1/27/2014	\$5,000.00	\$56,067.16
001	Other Administrative Action	9/5/2013	\$0.00	\$7,901.00
				<b>\$457,448.57</b>

# ORDER FOR SUPPLIES OR SERVICES

PAGE OF PAGES

1

11

IMPORTANT: Mark all packages and papers with contract and/or order numbers.

1. DATE OF ORDER 03/15/2013		2. CONTRACT NO. (If any) EP-W-13-001		6. SHIP TO: a. NAME OF CONSIGNEE Region 10	
3. ORDER NO. 0006		4. REQUISITION/REFERENCE NO. PR-R0-13-00063			
5. ISSUING OFFICE (Address correspondence to) SRRPOD US Environmental Protection Agency Ariel Rios Building 1200 Pennsylvania Avenue, N. W. Mail Code: 3805R Washington DC 20460				b. STREET ADDRESS US Environmental Protection Agency 1200 Sixth Avenue, Suite 900	
				c. CITY Seattle	e. ZIP CODE 98101
7. TO: HEATHER TEED				f. SHIP VIA	
a. NAME OF CONTRACTOR BOOZ ALLEN HAMILTON INC.				8. TYPE OF ORDER	
b. COMPANY NAME				<input type="checkbox"/> a. PURCHASE <input checked="" type="checkbox"/> b. DELIVERY REFERENCE YOUR: _____ Please furnish the following on the terms and conditions specified on both sides of this order and on the attached sheet, if any, including delivery as indicated.	
c. STREET ADDRESS 8283 GREENSBORO DRIVE 7039172337				Except for billing instructions on the reverse, this delivery order is subject to instructions contained on this side only of this form and is issued subject to the terms and conditions of the above-numbered contract.	
d. CITY MCLEAN		e. STATE VA	f. ZIP CODE 221023838		
9. ACCOUNTING AND APPROPRIATION DATA See Schedule				10. REQUISITIONING OFFICE SRRPOD	

11. BUSINESS CLASSIFICATION (Check appropriate box(es)) <input type="checkbox"/> a. SMALL <input checked="" type="checkbox"/> b. OTHER THAN SMALL <input type="checkbox"/> c. DISADVANTAGED <input type="checkbox"/> d. WOMEN-OWNED <input type="checkbox"/> e. HUBZone <input type="checkbox"/> f. SERVICE-DISABLED VETERAN-OWNED <input type="checkbox"/> g. WOMEN-OWNED SMALL BUSINESS (WOSB) ELIGIBLE UNDER THE WOSB PROGRAM <input type="checkbox"/> h. EDWOSB				12. F.O.B. POINT Destination	
13. PLACE OF a. INSPECTION Destination		b. ACCEPTANCE Destination		14. GOVERNMENT B/L NO.	
				15. DELIVER TO F.O.B. POINT ON OR BEFORE (Date)	
				16. DISCOUNT TERMS	

## 17. SCHEDULE (See reverse for Rejections)

ITEM NO. (a)	SUPPLIES OR SERVICES (b)	QUANTITY ORDERED (c)	UNIT (d)	UNIT PRICE (e)	AMOUNT (f)	QUANTITY ACCEPTED (g)
	DUNS Number: 006928857 Superfund PRP Search  This action hereby issues Time & Materials TO number 0006. The contractor's task order proposal submitted February 5, 2013 Continued ...					
18. SHIPPING POINT		19. GROSS SHIPPING WEIGHT		20. INVOICE NO.		17(h) TOTAL (Cont. pages)
21. MAIL INVOICE TO:						
a. NAME RTP Finance Center		\$45,851.00				17(i) GRAND TOTAL
b. STREET ADDRESS (or P.O. Box) US Environmental Protection Agency RTP-Finance Center Mail Drop D143-02 109 TW Alexander Drive		\$581,718.00				
c. CITY Durham		d. STATE NC	e. ZIP CODE 27711			

22. UNITED STATES OF AMERICA BY (Signature)

23. NAME (Typed)  
Evelyn Stanley  
TITLE: CONTRACTING/ORDERING OFFICER

**ORDER FOR SUPPLIES OR SERVICES**  
**SCHEDULE - CONTINUATION**

PAGE NO  
2

IMPORTANT: Mark all packages and papers with contract and/or order numbers.

DATE OF ORDER 03/15/2013	CONTRACT NO. EP-W-13-001	ORDER NO. 0006
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ITEM NO. (a)	SUPPLIES/SERVICES (b)	QUANTITY ORDERED (c)	UNIT (d)	UNIT PRICE (e)	AMOUNT (f)	QUANTITY ACCEPTED (g)
0001	<p>is hereby approved and incorporated by reference in the amount of \$581,718.00 (authorized TO ceiling). This action also incrementally funds this TO in the amount of \$45,851 (obligated TO ceiling) which the contractor is not authorized to exceed.</p> <p>Gail Akiyama is appointed as the Task Order Contracting Officer's Representative (TOCOR). The work under this task order is non-severable. All other terms and conditions are hereby incorporated by reference from the parent Contract (EP-W-13-001).</p> <p>TOPO: Gail Akiyama Max Expire Date: 12/31/2013 Admin Office: SRRPOD US Environmental Protection Agency Ariel Rios Building 1200 Pennsylvania Avenue, N. W. Mail Code: 3805R Washington DC 20460</p> <p>Accounting Info: 13--T-10Q-501EC7-2505-10WQQV00-C002-1310QFC009-001 BFY: 13 Fund: T Budget Org: 10Q Program (PRC): 501EC7 Budget (BOC): 2505 Job #: 10WQQV00 Cost: C002 DCN - Line ID: 1310QFC009-001 Period of Performance: 03/15/2013 to 12/31/2013</p> <p>Base Period</p>				45,851.00	

TOTAL CARRIED FORWARD TO 1ST PAGE (ITEM 17(H))

\$45,851.00

EP-W-13-001 TASK ORDER 0006 MOD SUMMARY

Mod #	Reason For Modification	Award Date	Obligation	Total Amount
P00030	Supplemental Agreement for work within scope	5/11/2018	\$0.00	\$0.00
P00029	Funding Only Action	4/9/2018	\$13,000.00	\$0.00
P00026	Other Administrative Action	12/14/2017	\$0.00	\$0.00
P00025	Funding Only Action	12/12/2017	\$0.00	\$0.00
P00024	Other Administrative Action	12/1/2017	\$0.00	\$0.00
BASE		3/15/2013	\$45,851.00	\$581,718.00
028	Funding Only Action	2/20/2018	(\$13,000.00)	\$0.00
027	Funding Only Action	2/5/2018	\$37,000.00	\$0.00
023	Funding Only Action	12/6/2016	\$0.00	\$0.00
022	Funding Only Action	9/6/2016	\$19,897.00	\$0.00
021	Funding Only Action	6/23/2016	\$130,000.00	\$130,000.00
020	Exercise an Option	1/27/2016	\$145,000.00	\$379,943.23
019	Funding Only Action	7/13/2015	\$150,000.00	\$0.00
018		3/13/2015	\$0.00	\$0.00
017		3/13/2015	\$0.00	\$1,800.00
015		3/11/2015	\$100,000.00	\$0.00
014	Funding Only Action	2/26/2015	\$0.00	\$502,002.96
013	Other Administrative Action	10/23/2014	\$0.00	\$0.00
012	Funding Only Action	10/16/2014	\$77,112.00	\$0.00
011	Other Administrative Action	7/14/2014	\$0.00	\$0.00
010	Funding Only Action	6/27/2014	\$150,000.00	\$0.00
009	Funding Only Action	3/12/2014	\$200,000.00	\$0.00
008	Funding Only Action	2/3/2014	\$30,000.00	\$0.00
007	Funding Only Action	12/30/2013	\$0.00	\$547,112.36
006	Other Administrative Action	12/30/2013	\$0.00	\$0.00
005	Funding Only Action	8/16/2013	\$48,109.00	\$0.00
004	Funding Only Action	8/1/2013	\$216,000.00	\$0.00
003	Funding Only Action	6/19/2013	\$100,000.00	\$0.00
002	Funding Only Action	5/8/2013	\$97,758.00	\$0.00

001	Funding Only Action	3/28/2013	\$74,000.00	\$0.00
				<b>\$2,142,576.55</b>

# ORDER FOR SUPPLIES OR SERVICES

PAGE OF PAGES

1

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IMPORTANT: Mark all packages and papers with contract and/or order numbers.

1. DATE OF ORDER 03/21/2013		2. CONTRACT NO. (If any) EP-W-13-001		6. SHIP TO: a. NAME OF CONSIGNEE SRRPOD	
3. ORDER NO. 0007		4. REQUISITION/REFERENCE NO. See Schedule			
5. ISSUING OFFICE (Address correspondence to) SRRPOD US Environmental Protection Agency Ariel Rios Building 1200 Pennsylvania Avenue, N. W. Mail Code: 3805R Washington DC 20460				b. STREET ADDRESS US Environmental Protection Agency Ariel Rios Building 1200 Pennsylvania Avenue, N. W. Mail Code: 3805R	
				c. CITY Washington	d. STATE DC
				e. ZIP CODE 20460	
7. TO: HEATHER TEED				f. SHIP VIA	
a. NAME OF CONTRACTOR BOOZ ALLEN HAMILTON INC.					
b. COMPANY NAME				8. TYPE OF ORDER	
c. STREET ADDRESS 8283 GREENSBORO DRIVE 7039172337				<input type="checkbox"/> a. PURCHASE <input checked="" type="checkbox"/> b. DELIVERY REFERENCE YOUR: _____ Please furnish the following on the terms and conditions specified on both sides of this order and on the attached sheet, if any, including delivery as indicated.	
d. CITY MCLEAN		e. STATE VA	f. ZIP CODE 221023838		
9. ACCOUNTING AND APPROPRIATION DATA See Schedule				10. REQUISITIONING OFFICE SRRPOD	

11. BUSINESS CLASSIFICATION (Check appropriate box(es)) <input type="checkbox"/> a. SMALL <input checked="" type="checkbox"/> b. OTHER THAN SMALL <input type="checkbox"/> c. DISADVANTAGED <input type="checkbox"/> d. WOMEN-OWNED <input type="checkbox"/> e. HUBZone <input type="checkbox"/> f. SERVICE-DISABLED VETERAN-OWNED <input type="checkbox"/> g. WOMEN-OWNED SMALL BUSINESS (WOSB) ELIGIBLE UNDER THE WOSB PROGRAM <input type="checkbox"/> h. EDWOSB				12. F.O.B. POINT Destination	
13. PLACE OF a. INSPECTION Destination		b. ACCEPTANCE Destination		14. GOVERNMENT B/L NO.	
				15. DELIVER TO F.O.B. POINT ON OR BEFORE (Date)	
				16. DISCOUNT TERMS	

## 17. SCHEDULE (See reverse for Rejections)

ITEM NO. (a)	SUPPLIES OR SERVICES (b)	QUANTITY ORDERED (c)	UNIT (d)	UNIT PRICE (e)	AMOUNT (f)	QUANTITY ACCEPTED (g)
	DUNS Number: 006928857 West Coast Climate and Materials Management Forum Websites (Public and Internal) Development and Maintenance (Region 9)  This Action hereby issues Time & Materials Continued ...					
18. SHIPPING POINT		19. GROSS SHIPPING WEIGHT		20. INVOICE NO.		17(h) TOTAL (Cont. pages)
21. MAIL INVOICE TO:						
a. NAME RTP Finance Center		\$25,000.00				17(i) GRAND TOTAL
b. STREET ADDRESS (or P.O. Box) US Environmental Protection Agency RTP-Finance Center Mail Drop D143-02 109 TW Alexander Drive		\$35,025.00				
c. CITY Durham		d. STATE NC	e. ZIP CODE 27711			

22. UNITED STATES OF AMERICA BY (Signature)		23. NAME (Typed) Nadia Velasco TITLE: CONTRACTING/ORDERING OFFICER	
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# ORDER FOR SUPPLIES OR SERVICES

## SCHEDULE - CONTINUATION

PAGE NO

2

IMPORTANT: Mark all packages and papers with contract and/or order numbers.

DATE OF ORDER 03/21/2013	CONTRACT NO. EP-W-13-001	ORDER NO. 0007
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ITEM NO. (a)	SUPPLIES/SERVICES (b)	QUANTITY ORDERED (c)	UNIT (d)	UNIT PRICE (e)	AMOUNT (f)	QUANTITY ACCEPTED (g)
0001	<p>TO number 0007. The contractor's task order proposal submitted 2/19/2013 is hereby approved and incorporated by reference in the amount of \$35,025.00 (authorized TO ceiling). This action also incrementally funds this TO in the amount of \$25,000.00 (obligated TO ceiling) which the contractor is not authorized to exceed.</p> <p>Jinky Callado is appointed as the Task Order Contracting Officer's Representative (TOCOR). The work under this task order is severable. All other terms and conditions are hereby incorporated by reference from the parent Contract (EP-W-13-001).</p> <p>TOPO: Jinky Callado Max Expire Date: 12/31/2013 Admin Office: SRRPOD US Environmental Protection Agency Ariel Rios Building 1200 Pennsylvania Avenue, N. W. Mail Code: 3805R Washington DC 20460 Period of Performance: 03/21/2013 to 12/31/2013</p> <p>Base Period Requisition No: PR-R9-12-00375, PR-R9-13-00149</p> <p>Accounting Info: 12-13-B-09J2B-302DA1-2505---1309JR3508 -001 BFY: 12 EFY: 13 Fund: B Budget Org: 09J2B Program (PRC): 302DA1 Budget (BOC): 2505 DCN - Line ID: 1309JR3508-001 Funding Flag: Partial Funded: \$15,000.00 Accounting Info: 12-13-B-09J2E-303D99-2505---1209JR2523 -001 BFY: 12 EFY: 13 Fund: B Budget Org: 09J2E Program (PRC): 303D99 Budget (BOC): 2505 DCN - Line ID: 1209JR2523-001 Continued ...</p>				25,000.00	

TOTAL CARRIED FORWARD TO 1ST PAGE (ITEM 17(H))

\$25,000.00

ORDER FOR SUPPLIES OR SERVICES  
SCHEDULE - CONTINUATION

PAGE NO  
3

IMPORTANT: Mark all packages and papers with contract and/or order numbers.

DATE OF ORDER  
03/21/2013

CONTRACT NO.  
EP-W-13-001

ORDER NO.  
0007

ITEM NO. (a)	SUPPLIES/SERVICES (b)	QUANTITY ORDERED (c)	UNIT (d)	UNIT PRICE (e)	AMOUNT (f)	QUANTITY ACCEPTED (g)
	Funding Flag: Partial Funded: \$10,000.00					

TOTAL CARRIED FORWARD TO 1ST PAGE (ITEM 17(H))

\$0.00

**CONTRACT NUMBER: EP-W-13-001**  
**CONTRACT NAME: REPA 5**  
**CONTRACTOR NAME: Booz Allen Hamilton**  
**TASK ORDER NUMBER: 0007**

**Title**

West Coast Climate and Materials Management Forum Websites (public and internal) Development and Maintenance

**COR Information**

EPA Regional Task Order Contract Officer Representative (RTOCOR)

Jinky Callado  
75 Hawthorne St, WST-2  
San Francisco, CA 94305  
[callado.jinky@epa.gov](mailto:callado.jinky@epa.gov)  
Work: 415-972-3229  
Fax: 415-947-3530

EPA Task Order Contract Officer Representative (TOCOR)

EPA Region 9  
Jinky Callado  
75 Hawthorne St, WST-2  
San Francisco, CA 94105  
[callado.jinky@epa.gov](mailto:callado.jinky@epa.gov)  
Work: 415-972-3229  
Fax: 415-947-3530

**Authorization**

This Performance Work Statement (PWS) is in accordance with Task 6.

**Period of Performance**

The period of performance for this Task Order (TO) is from beginning of effort to December 31, 2013.

**Background**

The Forum is an EPA-convened partnership of over 150 cities, states and local governments that develop and share ways to integrate lifecycle materials management policies and practices into climate, sustainability and solid waste plans. The Forum produces original tools developed in direct response to the partners' requests and engagement. The recently developed website, [www.westcoastclimateforum.org](http://www.westcoastclimateforum.org), provides a platform that makes the Forum's information and products available to other jurisdictions as well as communicates the value of a materials management approach,

highlights partners' work and announces upcoming events. The internal site, <http://community.westcoastclimateforum.org/home>, is an electronic collaboration tool for the Forum's Workgroup members where they can post call information and notes, draft documents and events calendar. It offers password protected workspaces for all Forum workgroups.

## **Purpose**

The purpose of this work assignment is to provide maintenance, design, creative and informational integration and consistency, and general technical support for the Forum's two websites. The publicly facing website will require new content to be added, possibly affecting overall design, and the internal website will require additional functionality based on user needs and feedback. This will require the contractor to work closely with EPA staff and other Forum partners to host the websites and all associated technical and design needs.

The purpose of this work is to continue development and integration of the Forum's two websites. EPA staff will require Drupal training for new features and function.

In addition, this work will provide ongoing maintenance for the two websites, including

## **Scope**

### **Work Closely with EPA Staff to Complete the Following:**

#### **Task 1**

Continue Development of Newly Constructed Forum Websites

- Add new content as it is developed such as Food Waste Prevention Toolkit
- Recommend options for expanding websites based on user feedback and new content
- Create Resources Page for Public Website
- Create Resources Box for Public Website

#### **Task 2**

Develop Functionality of Internal Website

- Add events/calendar page
- Create unique logins for administrators/editors

#### **Task 3**

Support Creative and Informational Consistency

- Recommend options to improve creative and informational consistency
- Change white background to gray
- Provide design for website expansions

#### **Task 4**

Support Interface of Public and Internal Websites

- Make enhancements based on user feedback
- Optimize integration

#### **Task 5**

Provide Ongoing Maintenance for Both Websites

- Make site 508 Compliant
- Help identify and correct broken links
- Modify and edit content

### **Task 6**

Provide Ongoing Drupal Training to EPA Staff and Partners

- Create “hands-on” learning
- Provide training for new and modified Drupal modules

### **Task Order Deliverables -Schedule**

Deliverables under this task order are specified in the task description above. The deliverables will be based on needs as the project proceeds. The schedule for submittal of all deliverables, other than those contractually required (e.g., the work plan) shall be determined in coordination with the EPA TOPO.

### **Communication**

- 1) EPA & contractor will communicate regularly to give and receive feedback & comments on design, content, timeline and budget. Contractor will notify EPA of over or under expenditures and adjustments to timeline.

EP-W-13-001 TASK ORDER 0007 MOD SUMMARY

Mod #	Reason For Modification	Award Date	Obligation	Total Amount
P00014	Funding Only Action	5/30/2018	(\$1,295.73)	\$0.00
BASE		3/21/2013	\$25,000.00	\$35,025.00
013	Other Administrative Action	5/30/2017	\$0.00	\$0.00
012	Funding Only Action	5/3/2017	(\$1,653.76)	\$0.00
011	Funding Only Action	10/19/2016	(\$0.83)	(\$0.83)
010	Funding Only Action	10/19/2016	\$0.00	(\$0.83)
009	Funding Only Action	9/6/2016	\$12,000.00	\$0.00
008	Funding Only Action	5/19/2016	\$10,000.00	\$0.00
007	Funding Only Action	12/28/2015	\$30,000.00	\$57,150.73
006	Funding Only Action	11/16/2015	\$0.00	\$0.00
005	Funding Only Action	9/4/2015	\$0.00	\$38,427.65
004	Funding Only Action	12/12/2014	\$0.00	\$0.00
003		12/10/2014	\$0.00	\$0.00
002	Funding Only Action	7/23/2014	\$35,000.00	\$41,809.33
001	Funding Only Action	11/26/2013	\$10,025.00	\$0.00
				<b>\$172,411.05</b>

# ORDER FOR SUPPLIES OR SERVICES

PAGE OF PAGES

1

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IMPORTANT: Mark all packages and papers with contract and/or order numbers.

1. DATE OF ORDER 03/29/2013		2. CONTRACT NO. (If any) EP-W-13-001		6. SHIP TO: a. NAME OF CONSIGNEE Region 8	
3. ORDER NO. 0008		4. REQUISITION/REFERENCE NO. PR-R8-13-00096			
5. ISSUING OFFICE (Address correspondence to) SRRPOD US Environmental Protection Agency Ariel Rios Building 1200 Pennsylvania Avenue, N. W. Mail Code: 3805R Washington DC 20460				b. STREET ADDRESS US Environmental Protection Agency 1595 Wynkoop St	
				c. CITY Denver	e. ZIP CODE 80202-1129
7. TO: HEATHER TEED				f. SHIP VIA	
a. NAME OF CONTRACTOR BOOZ ALLEN HAMILTON INC.				8. TYPE OF ORDER	
b. COMPANY NAME				<input type="checkbox"/> a. PURCHASE <input checked="" type="checkbox"/> b. DELIVERY REFERENCE YOUR: _____ Please furnish the following on the terms and conditions specified on both sides of this order and on the attached sheet, if any, including delivery as indicated.	
c. STREET ADDRESS 8283 GREENSBORO DRIVE 7039172337				Except for billing instructions on the reverse, this delivery order is subject to instructions contained on this side only of this form and is issued subject to the terms and conditions of the above-numbered contract.	
d. CITY MCLEAN		e. STATE VA	f. ZIP CODE 221023838		
9. ACCOUNTING AND APPROPRIATION DATA See Schedule				10. REQUISITIONING OFFICE SRRPOD	

11. BUSINESS CLASSIFICATION (Check appropriate box(es)) <input type="checkbox"/> a. SMALL <input checked="" type="checkbox"/> b. OTHER THAN SMALL <input type="checkbox"/> c. DISADVANTAGED <input type="checkbox"/> d. WOMEN-OWNED <input type="checkbox"/> e. HUBZone <input type="checkbox"/> f. SERVICE-DISABLED VETERAN-OWNED <input type="checkbox"/> g. WOMEN-OWNED SMALL BUSINESS (WOSB) ELIGIBLE UNDER THE WOSB PROGRAM <input type="checkbox"/> h. EDWOSB				12. F.O.B. POINT Destination	
13. PLACE OF a. INSPECTION Destination		b. ACCEPTANCE Destination		14. GOVERNMENT B/L NO.	
				15. DELIVER TO F.O.B. POINT ON OR BEFORE (Date)	
				16. DISCOUNT TERMS	

## 17. SCHEDULE (See reverse for Rejections)

ITEM NO. (a)	SUPPLIES OR SERVICES (b)	QUANTITY ORDERED (c)	UNIT (d)	UNIT PRICE (e)	AMOUNT (f)	QUANTITY ACCEPTED (g)
	DUNS Number: 006928857 CERCLIS/SEMS Database  This action hereby issues Time & Materials TO number 0008. The contractor's task order proposal submitted February 14, 2013 Continued ...					
SEE BILLING INSTRUCTIONS ON REVERSE	18. SHIPPING POINT		19. GROSS SHIPPING WEIGHT		20. INVOICE NO.	
	21. MAIL INVOICE TO:					\$30,000.00
	a. NAME RTP Finance Center					
	b. STREET ADDRESS (or P.O. Box) US Environmental Protection Agency RTP-Finance Center Mail Drop D143-02 109 TW Alexander Drive					\$50,546.00
c. CITY Durham			d. STATE NC	e. ZIP CODE 27711		

17(h)  
TOTAL  
(Cont.  
pages)

17(i)  
GRAND  
TOTAL

22. UNITED STATES OF AMERICA BY (Signature)

23. NAME (Typed)  
Nadia Velasco  
TITLE: CONTRACTING/ORDERING OFFICER

**ORDER FOR SUPPLIES OR SERVICES**  
**SCHEDULE - CONTINUATION**

PAGE NO  
2

IMPORTANT: Mark all packages and papers with contract and/or order numbers.

DATE OF ORDER 03/29/2013	CONTRACT NO. EP-W-13-001	ORDER NO. 0008
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ITEM NO. (a)	SUPPLIES/SERVICES (b)	QUANTITY ORDERED (c)	UNIT (d)	UNIT PRICE (e)	AMOUNT (f)	QUANTITY ACCEPTED (g)
0001	<p>is hereby approved and incorporated by reference in the amount of \$50,546.00 (authorized TO ceiling). This action also incrementally funds this TO in the amount of \$30,000 (obligated TO ceiling) which the contractor is not authorized to exceed.</p> <p>Dianna Lim is appointed as the Task Order Contracting Officer's Representative (TOCOR). The work under this task order is severable. All other terms and conditions are hereby incorporated by reference from the parent Contract (EP-W-13-001).</p> <p>TOPO: Dianna Lim Max Expire Date: 12/31/2013 Admin Office: SRRPOD US Environmental Protection Agency Ariel Rios Building 1200 Pennsylvania Avenue, N. W. Mail Code: 3805R Washington DC 20460</p> <p>Accounting Info: 13--T-8AL0P-303DD2-2505-0800IJ00-C056-138ALP V806-001 BFY: 13 Fund: T Budget Org: 8AL0P Program (PRC): 303DD2 Budget (BOC): 2505 Job #: 0800IJ00 Cost: C056 DCN - Line ID: 138ALPV806-001 Period of Performance: 03/29/2013 to 12/31/2013</p> <p>Base Period</p>				30,000.00	

TOTAL CARRIED FORWARD TO 1ST PAGE (ITEM 17(H))

\$30,000.00

## PERFORMANCE WORK STATEMENT

**Contract No.:** EP-W-13-001  
**Contract Name:** REPA 5 Region 2  
**Contractor Name:** Booz Allen Hamilton  
**Task Order No.:** 0008

### 1.0 Title

Region 8 CERCLIS/SEMS Database

### 2.0 Estimated Period of Performance

From Task Order Issuance through December 31, 2013.

### 3.0 EPA Key Personnel

- a. Task Order Contracting Officers Representative (TOCOR):  
Dianna Lim, Database Administrator  
(303) 312-7830
- b. Alternate Task Order Contracting Officers Representative  
Benjamin Bents, Environmental Protection Specialist  
(303) 312-6435
- c. Regional Project Officer:  
Benjamin Bents, Environmental Protection Specialist  
(303)312-6435
- d. Technical Advisors:  
Tony Selle  
Data Team Unit Chief  
Ecosystem Protection and Remediation, Support Program  
(303) 312-6774

EPA Region 8  
Solid and Hazardous Waste Program  
1595 Wynkoop St. (8P-HW)  
Denver, CO 80202-1129  
fax: (303)312-6341.

## **4.0 Authorization**

This Performance Work Statement is in accordance with Section C.2, page C-2 of 4 of the REPA 5, Zone 3 Contract the following Task types.

Task 4 Records and Data Management

4.2 Data Management.

Task 5 Training Public Involvement

5.1 Training Education and Meeting Support

## **5.0 Background**

The Superfund program has a mandate to cleanup toxic waste sites. The primary mission of the program is to implement and enforce the provisions of the Comprehensive Environmental Response, Compensation, and Liability Act of 1980 (CERCLA) and the Superfund Amendments and Reauthorization Act of 1986 (SARA). CERCLA and SARA authorize the U.S. Environmental Protection Agency (EPA) to identify and clean up uncontrolled releases of hazardous waste. The Superfund program is also responsible for implementation of the Chemical Emergency Preparedness program; the Oil Pollution Act; the spill prevention and response portion of the Clean Water Act; and assessment of Federal Facilities under the Base Realignment and Closure program.

There are numerous activities associated with the administration of the Superfund program, including, but not limited to, issuing contracts for toxic waste site cleanup, determining and obtaining reimbursement for costs the Federal Government incurred, tracking activities at Superfund Cleanup sites, fiscal and other resource management activities, logging and tracking emergency response activities, interaction with community organizations, and producing information fact sheets.

The U.S. Environmental Protection Agency (EPA), Region VIII Superfund program has an inventory of more than 2586 potentially uncontrolled hazardous waste sites region-wide. The National Oil and Hazardous Substance Contingency Plan (NCP) at 40 CFR Part 300.5, defines the Comprehensive Environmental Response Compensation and Liability Information Systems (CERCLIS), as the mission-critical database in which the EPA is required to record its accomplishments, plan future actions, and manage its extramural budget on a national and regional basis.

CERCLIS is a single national database that is being used by the Superfund Program in Region VIII which all Superfund program data are collected, entered, stored, and retrieved for Regional and EPA Headquarters use. The application utilizes an extensive and complex Oracle database structure which is housed on the national database server in the EPA Headquarters. CERCLIS transactions, including all insertions, deletions, and modifications of database records, are captured in a real time basis.

The CERCLIS system in Region VIII supports approximately 80 users, including Remedial Project Managers, On-Scene Coordinators, Site Assessment Managers, Enforcement Specialists, Attorneys, Program Specialists, and Program Managers. Data is entered directly into CERCLIS. This system provides a foundation of data for various other EPA Superfund systems, which produce reports in various formats to support Regional program management decisions, and to respond to requests for Superfund program information to States, Congress, and the public (via both FOIA and ad hoc requests).

Security is imperative within CERCLIS. While most records are open to public review, certain enforcement records are considered pre-decisional, therefore, must remain confidential until the action is taken. A portion of Superfund data is protected by the Privacy Act or as proprietary (i.e., confidential business information). All data must remain intact, uncorrupted and free from unauthorized disclosure at all times.

The Contractor's duties will be limited to support and assistance. At no time will the contractor have the authority to make decisions on the course of action EPA will pursue or the viewpoint's EPA will express. In addition, contractor personnel will at all times make efforts to emphasize their contractor status in any contact with the public, personnel from local, state, and other federal agencies, or EPA personnel unfamiliar with contractors role.

Data quality is of extreme importance. Data must be consistent, complete, current and readily accessible to the people who need it.

## **6.0 Purpose**

To operate, manage and support the Region 8 Comprehensive Environmental Response Compensation and Liability Information Systems (CERCLIS), the mission-critical database in which the EPA is required to record its accomplishments, plan future actions, and manage its extramural budget on a national and regional basis.

## **7.0 Description of Work to Be Performed**

### **Subtask 4.2.1 - CERCLIS Data Entry and Data Quality**

The contractor shall add, modify and delete records in CERCLIS and related systems, based on specific source documents. Sources documents include coding sheets and annotated reports for all Superfund Program areas. Superfund Program areas include, but are not limited to: remedial, removal, site assessment, federal facilities, enforcement, budget/financial, program management planning, and program management non-site specific accomplishments. The contractor shall perform quarterly data management procedures. These procedures include, but are not limited, to preparing SCAP summary reports, identifying past planned actions, and distributing reports to the Project Managers (Remedial Project Managers, On-Scene Coordinators, and Environmental Specialists) for review and update. The contractor shall perform data quality and audit checks for data

entered into CERCLIS. The data quality checks include, but are not limited to checking cleanup activities to make sure that data is accurately coded in CERCLIS, and verifying its correct appearance on the accomplishment report that the Superfund Program provides to Congress.

The EPA is in the process of converting CERCLIS system to the new Superfund Enterprise Management Systems (SEMS)/Primavera. The contractor shall assist the Information Management Coordinator (IMC) in the data verification process when the information is migrated from CERCLIS to SEMS/Primavera in October 2013. The data verification process will involve data quality check of CERCLIS data to Primavera. Data quality checks include and are not limited to action codes, action dates, lead codes, OU, etc.

#### **Subtask 4.2.2 - General Support to CERCLIS Database**

The contractor shall perform the following activities necessary to support the CERCLIS Database Superfund Program and coordinate with HQ and other Regional CERCLIS program managers.

- a. Attend CERCLIS National Conference Calls as needed: There are four active workgroups that meet every other week via conference call.
- b. Perform System Testing for New Releases: The contractor is responsible for testing the performance of the new database releases to ensure that it is working properly before it is released into the production database.
- c. Perform Historical Data Quality Assurance and Research: The contractor is responsible for performing data quality checks to ensure that accomplishment actions entered in CERCLIS have the necessary supporting documents.
- d. CERCLIS Management Review Support: The contractor is responsible for performing management review in the absence of the IMC. The Management Review process shall be conducted three times a day by going into CERCLIS to review and approve actions that are being submitted by the Remedial Project Managers (RPMs), On-Scene Coordinators (OSCs), and the Enforcement Specialists.
- e. Five Year Review Issues/Recommendations Review: The contractor is responsible for running the ReportLink report entitled “5YR-Issues and Recommendation Date Updated/Verified RPM Report” report #1507 and send it to the RPM for review and update on a monthly basis.

#### **Subtask 4.2.3- CERCLIS Database Deliverables**

As directed by the EPA Task Order Manager, the contractor shall develop standard and ad hoc reports (to include data, tables, text, and graphics) from CERCLIS, Infomaker, PowerBuilder and ReportLink, etc. in accordance with established schedules or as

requested by EPA. Report development shall include conducting user interviews with EPA personnel to collect data, populating the application with the data that has been gathered and generating report(s). The contractor shall review the reports for accuracy and completeness. Reports will be delivered in accordance with established priorities and set deadlines. The contractor shall respond to report requests from CERCLIS and Facility Linkage Application (FLA) etc., including those prepared for Freedom of Information Act (FOIA) requests. At a minimum, the contractor shall provide assistance and support the FOIA Tracking System.

The contractor shall perform the conversion of the reports from ReportLink, InfoMaker, and PowerBuilder to the new Oracle Business Intelligence (OBI) when the replacement of CERCLIS occurred. The contractor shall have knowledge of the current report logic and OBI to perform the reports conversion. The contractor shall coordinate and work closely with the IMC to identify reports for conversation to the new OBI.

#### **Subtask 4.2.4 - CERCLIS Information/Document Management Planning and Services**

The contractor shall retrieve from the SEMS Superfund Document Management System (SDMS) for Region 8 source documents and link document to the appropriate accomplishment activities/actions recorded in CERCLIS. The contractor will provide support in managing records in all media, performing functions such as collecting, organizing, and storing them.

#### **Subtask 4.2.5 – CERCLIS Generic Workplan**

The intent of the Generic Workplan is to establish a mechanism which is flexible and simple to implement, while adequately addressing the Region's need for effective programmatic and fiscal control. Contractor shall provide workplan no later than three weeks after the contract is awarded.

#### **Subtask 4.2.6 – CERCLIS Monthly Project Costing Status Report**

EPA anticipates scheduling monthly meetings to discuss project status including any new CERCLIS/SEMS national initiatives and regional issues pertinent to the veracity of the CERCLIS/SEMS database. Monthly meetings shall be scheduled with the TOCOR, Dianna Lim. The contractor shall provide a cost funds status report by identifying the actual costs during the reporting period for each task order. The status report should be submitted to the EPA, Project Office by fifteen business days after the start of the month. The status report will include at a minimum:

- i. work activities during the period including deliverables
- ii. identification of any problems or delays
- iii. detail project cost documentation

### Subtask 5.1.2 – CERCLIS/SEMS Training

As needed, the contractor shall provide basic CERCLIS training to new end-users using the EPA training facility and equipment. The contractor shall receive training on the new SEMS/Primavera system. On an as needed basis, the contractor shall assist the IMC in training end-users when the new system becomes available. The training programs must allow EPA and end-users to receive independent training at the user's own pace. The EPA Project Officer will identify specific training tasks throughout the period of performance.

## 8.0 Complexity Level: Moderate to Less Complex

### Staffing Requirements

The staff qualifications for this task order require, at a minimum, the following knowledge and skills:

- 1) At least one year of hands on CERCLIS experience.
- 2) At least one year of SQL language experience, Infomaker, PowerBuilder, and Oracle Business Intelligence for technical task #3 listed above.
- 3) Good written and oral communication skills. In addition, this task requires the ability to organize work and solve problems in a systematic manner.
- 4) At least six months of data entry experience.

### Place and Condition of Performance

Work under this contract shall be performed at the EPA Region 8 site located in Denver, CO. All work performed under this Work Assignment shall have prior written approval by the EPA Task Project Manager, Dianna Lim.

### Equipment

The EPA shall provide all equipment necessary to complete the work described above including Personal Computer (PC) hardware and peripheral devices for the Contractor's staff. EPA will provide a LAN connection and all software necessary to perform the work. Through the LAN connection, EPA shall provide the contractor access to EPA LAN services, such as printers, email, access to CERCLIC, SEMS/Primavera, etc.

### **Performance Measures and Quality Assurance**

The contractor shall proposed performance measures related to quality and timeliness of deliverables. The contractor shall propose the quality assurance systems and methods for periodic measurement, collection and reporting of its performance data.

## 9.0 Technical Direction

The TOCOR is authorized to provide technical direction, which clarifies the PWS. Technical direction must be within the scope of the contract and the TO. Technical direction is instruction to the contractor that approves approaches, solutions, designs or refinements; fills in details, completes the general description of work or documentation items; shifts emphasis among work areas or tasks; or provides similar guidance. It includes evaluation of contractor performance and comments on deliverables.

The TOCOR shall issue technical direction in writing or confirm in writing within five (5) calendar days after verbal issuance. The TOCOR shall forward copies of the technical direction to the Contracting Officer (CO) and RTCOR.

The CO is the only person authorized to make changes to the TO or contract. Any changes to the TO scope, period of performance or deliverable due dates must be approved by the CO in writing.

## 10.0 Summary of Deliverables and Due Dates

Distribute quarterly SCAP update to the RPM	Due Date: 2 <sup>nd</sup> Monday for the month of, March, June, September, and December
Data Entry	Due Date: Ongoing
Five Year Review Issues/Recommendation Report Report# 1507	Due Date: 20 working days after the start of the month
Response to FOIA Requests	Due Date: 10 working days after requested receipt.
Ad Hoc reports	Due Date: 11 working days after request receipt.
Generate and Hang reports in ReportLink	Due Date: As needed basis
Perform Database Testing	Due Date: 2 weeks after HQ release of the database to the region.
Generate and Distribute SCAP Reports to the Region 8 States	Due Date: 6 <sup>th</sup> working day of the month of October, January, April and July
Train new CERCLIS user	Due Date: As needed basis.
Monthly Progress Report	Due Date: 20 working days after the start of the month

EP-W-13-001 TASK ORDER 0008 MOD SUMMARY

Mod #	Reason For Modification	Award Date	Obligation	Total Amount
BASE		3/29/2013	\$30,000.00	\$50,546.00
002	Funding Only Action	9/30/2014	(\$9,203.64)	(\$9,203.64)
001	Funding Only Action	9/3/2013	\$20,546.00	\$0.00
				<b>\$41,342.36</b>

# ORDER FOR SUPPLIES OR SERVICES

PAGE OF PAGES

1

9

IMPORTANT: Mark all packages and papers with contract and/or order numbers.

1. DATE OF ORDER 04/03/2013		2. CONTRACT NO. (If any) EP-W-13-001		6. SHIP TO: a. NAME OF CONSIGNEE Region 9	
3. ORDER NO. 0009		4. REQUISITION/REFERENCE NO. PR-R9-13-00113			
5. ISSUING OFFICE (Address correspondence to) SRRPOD US Environmental Protection Agency Ariel Rios Building 1200 Pennsylvania Avenue, N. W. Mail Code: 3805R Washington DC 20460				b. STREET ADDRESS US Environmental Protection Agency 75 Hawthorne Street	
				c. CITY San Francisco	e. ZIP CODE 94105
7. TO: HEATHER TEED				f. SHIP VIA	
a. NAME OF CONTRACTOR BOOZ ALLEN HAMILTON INC.				8. TYPE OF ORDER	
b. COMPANY NAME				<input type="checkbox"/> a. PURCHASE <input checked="" type="checkbox"/> b. DELIVERY REFERENCE YOUR: _____ Please furnish the following on the terms and conditions specified on both sides of this order and on the attached sheet, if any, including delivery as indicated.	
c. STREET ADDRESS 8283 GREENSBORO DRIVE 7039172337				Except for billing instructions on the reverse, this delivery order is subject to instructions contained on this side only of this form and is issued subject to the terms and conditions of the above-numbered contract.	
d. CITY MCLEAN		e. STATE VA	f. ZIP CODE 221023838		
9. ACCOUNTING AND APPROPRIATION DATA See Schedule				10. REQUISITIONING OFFICE SRRPOD	

11. BUSINESS CLASSIFICATION (Check appropriate box(es)) <input type="checkbox"/> a. SMALL <input checked="" type="checkbox"/> b. OTHER THAN SMALL <input type="checkbox"/> c. DISADVANTAGED <input type="checkbox"/> d. WOMEN-OWNED <input type="checkbox"/> e. HUBZone <input type="checkbox"/> f. SERVICE-DISABLED VETERAN-OWNED <input type="checkbox"/> g. WOMEN-OWNED SMALL BUSINESS (WOSB) ELIGIBLE UNDER THE WOSB PROGRAM <input type="checkbox"/> h. EDWOSB				12. F.O.B. POINT Destination	
13. PLACE OF a. INSPECTION Destination		b. ACCEPTANCE Destination		14. GOVERNMENT B/L NO.	
				15. DELIVER TO F.O.B. POINT ON OR BEFORE (Date)	
				16. DISCOUNT TERMS	

## 17. SCHEDULE (See reverse for Rejections)

ITEM NO. (a)	SUPPLIES OR SERVICES (b)	QUANTITY ORDERED (c)	UNIT (d)	UNIT PRICE (e)	AMOUNT (f)	QUANTITY ACCEPTED (g)
	DUNS Number: 006928857 Tribal Nations CEI Region 9  This action hereby issues Time & Materials TO number 0009. The contractor's task Continued ...					

SEE BILLING INSTRUCTIONS ON REVERSE	18. SHIPPING POINT		19. GROSS SHIPPING WEIGHT		20. INVOICE NO.		17(h) TOTAL (Cont. pages)
	21. MAIL INVOICE TO:						
	a. NAME RTP Finance Center						\$24,504.00
	b. STREET ADDRESS (or P.O. Box) US Environmental Protection Agency RTP-Finance Center Mail Drop D143-02 109 TW Alexander Drive						\$24,504.00
c. CITY Durham				d. STATE NC	e. ZIP CODE 27711		17(i) GRAND TOTAL

22. UNITED STATES OF AMERICA BY (Signature)

23. NAME (Typed)  
Nadia Velasco  
TITLE: CONTRACTING/ORDERING OFFICER

**ORDER FOR SUPPLIES OR SERVICES**  
**SCHEDULE - CONTINUATION**

PAGE NO  
2

IMPORTANT: Mark all packages and papers with contract and/or order numbers.

DATE OF ORDER 04/03/2013	CONTRACT NO. EP-W-13-001	ORDER NO. 0009
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ITEM NO. (a)	SUPPLIES/SERVICES (b)	QUANTITY ORDERED (c)	UNIT (d)	UNIT PRICE (e)	AMOUNT (f)	QUANTITY ACCEPTED (g)
0001	<p>order proposal submitted February 22, 2013 is hereby approved and incorporated by reference in the amount of \$24,504.00 (authorized TO ceiling). This action also fully funds this TO in the amount of \$24,504.00 (obligated TO ceiling) which the contractor is not authorized to exceed.</p> <p>Jinky Callado is appointed as the Task Order Contracting Officer's Representative (TOCOR). The work under this task order is severable. All other terms and conditions are hereby incorporated by reference from the parent Contract (EP-W-13-001).</p> <p>TOPO: Jinky Callado Max Expire Date: 12/31/2013 Admin Office: SRRPOD US Environmental Protection Agency Ariel Rios Building 1200 Pennsylvania Avenue, N. W. Mail Code: 3805R Washington DC 20460</p> <p>Accounting Info: 12-13-B-09J3H-501E50-2505---1309JR3506-001 BFY: 12 EFY: 13 Fund: B Budget Org: 09J3H Program (PRC): 501E50 Budget (BOC): 2505 DCN - Line ID: 1309JR3506-001 Period of Performance: 04/03/2013 to 12/31/2013</p> <p>Base Period</p>				24,504.00	

TOTAL CARRIED FORWARD TO 1ST PAGE (ITEM 17(H))

\$24,504.00

# **REPA 5 Region 9 Tribal Nations CEI Task Order Proposal**

CONTRACT NAME: REPA 5

CONTRACTOR: \_\_\_\_\_

REGIONAL TASK ORDER REQUEST:

February 1, 2013

## **I. Title**

Perform comprehensive compliance evaluation inspections (CEIs) of RCRA hazardous waste generators in the Navajo, Arizona, Nevada and/or California Tribal Nations.

## **II. Contract Officer Representatives**

### **EPA Regional Task Order Contract Officer Representative (RTOCOR)**

Jinky Callado (WST-2)  
75 Hawthorne Street  
San Francisco, CA 94105  
[callado.jinky@epa.gov](mailto:callado.jinky@epa.gov)  
Telephone No. 415-972-3321  
Fax No. 415-947-3530

### **Technical Manager**

Daniel Fernandez (WST-3)  
75 Hawthorne Street  
San Francisco, CA 94105-3901  
[fernandez.daniel@epa.gov](mailto:fernandez.daniel@epa.gov)  
Telephone No 415 -972 -3299  
Fax No. 415 - 947-3530

## **III. Authorization**

This Performance Work Statement (PWS) is in accordance with Task 2, Field oversight, inspections, sampling and data review.

## **IV. Period of Performance**

The period of performance for this Task Order (TO) is from the date of Contracting Officer issuance through December 31, 2013.

V.      **Background**

The Tribal Nations have manufacturing companies, health care centers and other business that generate RCRA hazardous wastes. All generators of RCRA hazardous waste are subject to the RCRA regulation and are required to be inspected to determine compliance.

VI.      **Objective/Purpose and Technical Direction**

The purpose of this TO is to obtain the services of a qualified Contractor to conduct one (1) one-week comprehensive CEIs to verify the Facilities compliance with the Hazardous Waste Regulations, and to confirm their generator status in the Navajo, Arizona or California tribal facilities.

A week before the CEIs the Contractor will be responsible for contacting the particular tribal environmental program to notify them of the inspections, and ask if they would like to participate. In cases where tribal inspectors participate in the inspection, the

Note: As previously stated, the Contractor will lead the inspections, write the reports, and provide deliverables.

The Contracting Officer is the only person authorized to make changes to this Task Order or contract. Any changes must be approved by the Contracting Officer in writing, as an amendment to this TO and/or a modification to the contract.

VII.      **Assumptions and Constraints**

This task order assumes Contractor staffing team is highly competent, responsive, attentive, prompt, and experienced. The Contractor shall:

- develop a staffing plan to perform the required tasks (i.e., number of persons, title of each position, and specific task(s) that each Contractor representative will be performing, and number of hours estimated to complete each task). EPA anticipates the inspection will take two full work weeks.
- provide names and qualifications of each person that will be participating in the CEI.

The TOCOR has the right to reject any or all of the persons proposed to perform the request work.

Travel required under this TO will be performed in accordance with the contract.

The Contractor shall be able to attend meetings and participate in conference calls, as directed by the TOCOR. At a minimum, the following meetings or conference calls will be held: kick-off/planning, post-inspection, and post-report. The preferred method of communication will be conference calls.

All technical direction will be provided by the EPA TOCOR. EPA will provide the Contractor with the CEI targets and the tribal contact phone numbers. EPA will formally notify the Tribal Nations of the CEIs and the dates of the inspections.

This TO requires a Contractor staff team that the Contractor team shall also have experience and working knowledge of RCRA Subtitle C, RCRA air emissions, financial assurance requirements and other applicable, relevant, or appropriate federal hazardous waste requirements as associated with operations conducted at the Facilities.

The Contractor must comply with all EPA and regulatory requirements for the performance of this task order. All notes and deliverables should be sent to EPA. The contractor must have excellent capabilities in data analysis and report preparation. Documents and deliverables should be in Microsoft Office file format (e.g., Word, Excel, etc.), or other formats as assigned.

## **VIII. Scope**

The following scope identifies the project planning, inspection, data analysis, and reporting activities required by the Contractor to meet the task order purpose and objectives.

### **Task 1: Project Planning**

The Contractor shall meet the following performance requirements and standards, and provide the deliverables listed below using a mid-level RCRA inspector.

#### **Performance Requirements**

The contractor shall provide project planning support for the inspections. Project planning support shall consist of preparing for the inspections to be conducted by July 30, 2013. This includes participation in meetings or conference calls, deliverable schedules, and routine communications by telephone, e-mail, or in person. Meetings will be planned for and attended in San Francisco, CA, or at other locations, as needed. As stated previously, conference calls will be the preferred method of communication.

The contractor shall communicate with the TOCOR to discuss project planning issues. These communications may be either verbal via telephone or written via e-mail.

All Contractor personnel shall be cleared for RCRA Confidential Business Information (CBI). If the Contractor is not CBI certified by R-9, he or she should contact Jinky Callado to obtain the test material.

**EPA Regional Task Order Contract Officer Representative (RTOCOR)**

Jinky Callado (WST-2)  
75 Hawthorne Street  
San Francisco, CA 94105  
[callado.jinky@epa.gov](mailto:callado.jinky@epa.gov)  
Telephone No. 415-972-3321  
Fax No. 415-947-3530

Performance Standards

Written materials must be submitted in accordance with contract requirements and any additional task order requirements.

Written materials must be clear, well written and organized and be responsive to all comments received from the TOCOR. Deadlines must be strictly adhered to as to meet overall project schedules.

Deliverable List

- Staffing Plan – Two weeks after contract award
- Schedules – as needed
- Meeting minutes – as needed
- Other Reports - as directed

**Task 2: Inspection Activities**

The Contractor shall meet the following performance requirements and standards, and provide the deliverable listed below. The Contractor shall coordinate the focus of the inspection efforts throughout the inspection with the EPA TOCOR.

Performance Requirements

Inspection

The five-day inspections will be conducted by July 30, 2013. The Contractor shall be the lead for conducting the inspection of the Facilities. The Contractor shall coordinate activities with the TOCOR.

The Contractor shall contact the Tribal contact to ask if they would like to participate in the inspection, and coordinated any participation.

The inspection shall consist of a physical inspection of the Facility's operations and review of processes, including hazardous waste generation, characterization, container handling and storage area, the container storage area, laboratory, generator activities, and other Permitted or generator activities. Additionally, the inspection shall included review of the associated records required by the generator's status, operating procedures, and the regulations.

As needed, Contractor shall meet briefly with the TOCOR at the end of a working day to discuss the next day's activities.

#### Sampling

- No sampling will be required.

Contractor shall identify GPS coordinates, as applicable of the sampling locations. GPS readings shall have an accuracy of  $\pm 10$  feet.

#### Performance Standards

The inspection shall be comprehensive, covering all aspects of the Permit and applicable hazardous waste requirements.

The Contractor shall take general digital photographs of the facility and digital photographs of items or areas where potential violations are noted or observed. The Contractor shall comply with EPA's Digital Camera Guidance which can be found at the following web-link:

<http://epa.gov/oecaerth/resources/policies/monitoring/digitalcameraguide.pdf>

The Contractor shall obtain copies of all applicable documents which support potential violations of the Permit or the regulations (e.g. hazardous waste manifests, waste profiles, laboratory analyses, operating procedures, inspection records, monitoring records, applicable permit application sections, etc.).

#### Deliverable List

Deliverables are identified in Task 3 below.

#### **Task 3: Inspection Report; Post-Inspection Activities**

The Contractor shall meet the following performance requirements and standards, and provide the deliverable listed below.

### Performance Requirements

Contractor shall be available for post-inspection follow-up activities. This includes participation in meetings or conference calls, deliverable schedules, and routine communications by telephone, e-mail, or in person. Meetings will be planned for and attended in San Francisco, CA, or at other locations, as needed. The primary focus will be to ensure that potential violations are supported by evidence.

Written materials must be submitted in accordance with contract requirements and any additional task order requirements.

Written materials must be clear, well written and organized and be responsive to all comments received from the TOCOR. Deadlines must be strictly adhered to as to meet overall project schedules.

When modifying deliverables in accordance with EPA revisions or modifications, Contractor shall provide a redline version of the revised deliverables.

### Performance Standards

Written report summarizing the inspection, the findings, observations, and concerns from the inspection, the potential violations will be created by the Contractor.

The report shall contain the following minimum narrative sections: Facility background which includes a regulatory history summary; process descriptions; site inspection which includes discussions of observations, findings, areas of concern, supporting documentation, and photographs; records review; and potential violations.

The report must be clear, concise, well written and organized, and incorporate or be responsive to all comments received from the EPA TOCOR.

Deliverables shall be submitted in accordance with the schedule outlined in this TO.

### Deliverable List

- Copies of all documents collected during or subsequent to the inspection relating to the inspection – 2 weeks after inspection
- Summary identifying all documents collected during or subsequent to the inspection – 2 weeks after inspection
- Draft inspection report – 45 days after inspection
- Final draft inspection report – 2 weeks after EPA comments are received
- DVD of the photographs taken during the inspection (photographs must be unaltered) – 2 weeks after inspection
- Photograph log – 2 weeks after inspection. A sample photograph log will be provided by the TOCOR.

- If needed, list of outstanding questions, issues requiring additional clarification, additional documents needed, etc. [EPA will send the Facility a 3007(a) Request for Information.] – 2 weeks after inspection
- Summary of results from inspections. As applicable, the summary shall include the GPS coordinates of each sample location – 2 weeks after inspection.

<b>AMENDMENT OF SOLICITATION/MODIFICATION OF CONTRACT</b>		1. CONTRACT ID CODE		PAGE OF PAGES	
				1 2	
2. AMENDMENT/MODIFICATION NO.		3. EFFECTIVE DATE		4. REQUISITION/PURCHASE REQ. NO.	
001		09/18/2014		PR-R9-13-00113	
6. ISSUED BY		CODE		5. PROJECT NO. (If applicable)	
SRRPOD		SRRPOD			
US Environmental Protection Agency Ariel Rios Building 1200 Pennsylvania Avenue, N. W. Mail Code: 3805R Washington DC 20460		7. ADMINISTERED BY (If other than Item 6)		CODE	
8. NAME AND ADDRESS OF CONTRACTOR (No., street, county, State and ZIP Code)		(x)		9A. AMENDMENT OF SOLICITATION NO.	
BOOZ ALLEN HAMILTON INC. Attn: HEATHER TEED 8283 GREENSBORO DRIVE 7039172337 MCLEAN VA 221023838				9B. DATED (SEE ITEM 11)	
		x		10A. MODIFICATION OF CONTRACT/ORDER NO. EP-W-13-001 0009	
CODE 006928857		FACILITY CODE		10B. DATED (SEE ITEM 13) 04/03/2013	

**11. THIS ITEM ONLY APPLIES TO AMENDMENTS OF SOLICITATIONS**

☐ The above numbered solicitation is amended as set forth in Item 14. The hour and date specified for receipt of Offers ☐ is extended. ☐ is not extended.  
Offers must acknowledge receipt of this amendment prior to the hour and date specified in the solicitation or as amended, by one of the following methods: (a) By completing Items 8 and 15, and returning \_\_\_\_\_ copies of the amendment; (b) By acknowledging receipt of this amendment on each copy of the offer submitted; or (c) By separate letter or telegram which includes a reference to the solicitation and amendment numbers. FAILURE OF YOUR ACKNOWLEDGEMENT TO BE RECEIVED AT THE PLACE DESIGNATED FOR THE RECEIPT OF OFFERS PRIOR TO THE HOUR AND DATE SPECIFIED MAY RESULT IN REJECTION OF YOUR OFFER. If by virtue of this amendment you desire to change an offer already submitted, such change may be made by telegram or letter, provided each telegram or letter makes reference to the solicitation and this amendment, and is received prior to the opening hour and date specified.

12. ACCOUNTING AND APPROPRIATION DATA (If required)

Net Decrease:

-\$1,573.91

See Schedule

**13. THIS ITEM ONLY APPLIES TO MODIFICATION OF CONTRACTS/ORDERS. IT MODIFIES THE CONTRACT/ORDER NO. AS DESCRIBED IN ITEM 14.**

CHECK ONE	A. THIS CHANGE ORDER IS ISSUED PURSUANT TO: (Specify authority) THE CHANGES SET FORTH IN ITEM 14 ARE MADE IN THE CONTRACT ORDER NO. IN ITEM 10A.
	B. THE ABOVE NUMBERED CONTRACT/ORDER IS MODIFIED TO REFLECT THE ADMINISTRATIVE CHANGES (such as changes in paying office, appropriation date, etc.) SET FORTH IN ITEM 14, PURSUANT TO THE AUTHORITY OF FAR 43.103(b).
	C. THIS SUPPLEMENTAL AGREEMENT IS ENTERED INTO PURSUANT TO AUTHORITY OF:
X	D. OTHER (Specify type of modification and authority) B.8 Limitation of Government Obligations Under Task Orders

**E. IMPORTANT:** Contractor ☒ is not, ☐ is required to sign this document and return \_\_\_\_\_ 0 \_\_\_\_\_ copies to the issuing office.

14. DESCRIPTION OF AMENDMENT/MODIFICATION (Organized by UCF section headings, including solicitation/contract subject matter where feasible.)

DUNS Number: 006928857

Tribal Nations CEI

Region 9

TOPO: Jinky Callado Max Expire Date: 12/31/2013

The purpose of this modification is to deobligate funds in the amount of \$1,573.91. The total obligation has changed from \$24,504.00 to \$22,930.09. The task order ceiling is now \$22,930.09, which the contractor is not authorized to exceed.

Continued ...

Except as provided herein, all terms and conditions of the document referenced in Item 9A or 10A, as heretofore changed, remains unchanged and in full force and effect.

15A. NAME AND TITLE OF SIGNER (Type or print)		16A. NAME AND TITLE OF CONTRACTING OFFICER (Type or print)	
		Louise Easton	
15B. CONTRACTOR/OFFEROR	15C. DATE SIGNED	16C. DATE SIGNED	16B. SIGNATURE
(Signature of person authorized to sign)		09/18/2014	<i>Louise Easton</i>

## CONTINUATION SHEET

REFERENCE NO. OF DOCUMENT BEING CONTINUED

EP-W-13-001/0009/001

PAGE

OF

2

2

NAME OF OFFEROR OR CONTRACTOR

BOOZ ALLEN HAMILTON INC.

ITEM NO. (A)	SUPPLIES/SERVICES (B)	QUANTITY (C)	UNIT (D)	UNIT PRICE (E)	AMOUNT (F)
	<p>LIST OF CHANGES:</p> <p>Reason for Modification : Funding Only Action</p> <p>Total Amount for this Modification: -\$1,573.91</p> <p>New Total Amount for this Version: \$22,930.09</p> <p>New Total Amount for this Award: \$22,930.09</p> <p>Obligated Amount for this Modification: -\$1,573.91</p> <p>New Total Obligated Amount for this Award: \$22,930.09</p> <p>Incremental Funded Amount changed: from \$24,504.00 to \$22,930.09</p> <p>CHANGES FOR LINE ITEM NUMBER: 1</p> <p>Total Amount changed from \$24,504.00 to \$22,930.09</p> <p>Obligated Amount for this modification: -\$1,573.91</p> <p>Incremental Funded Amount changed from \$24,504.00 to \$22,930.09</p> <p>CHANGES FOR DELIVERY LOCATION: R9</p> <p>Amount changed from \$24,504.00 to \$22,930.09</p> <p>CHANGES FOR ACCOUNTING CODE:</p> <p>12-13-B-09J3H-501E50-2505---1309JR3506-001</p> <p>Amount changed from \$24,504.00 to \$22,930.09</p> <p>Period of Performance: 04/03/2013 to 12/31/2013</p>				

# ORDER FOR SUPPLIES OR SERVICES

PAGE OF PAGES

1 9

IMPORTANT: Mark all packages and papers with contract and/or order numbers.

1. DATE OF ORDER 04/17/2013		2. CONTRACT NO. (If any) EP-W-13-001		6. SHIP TO: a. NAME OF CONSIGNEE Region 10	
3. ORDER NO. 0010		4. REQUISITION/REFERENCE NO. See Schedule			
5. ISSUING OFFICE (Address correspondence to) SRRPOD US Environmental Protection Agency Ariel Rios Building 1200 Pennsylvania Avenue, N. W. Mail Code: 3805R Washington DC 20460				b. STREET ADDRESS US Environmental Protection Agency 1200 Sixth Avenue, Suite 900	
				c. CITY Seattle	e. ZIP CODE 98101
7. TO: HEATHER TEED				f. SHIP VIA	
a. NAME OF CONTRACTOR BOOZ ALLEN HAMILTON INC.				8. TYPE OF ORDER	
b. COMPANY NAME				<input type="checkbox"/> a. PURCHASE <input checked="" type="checkbox"/> b. DELIVERY REFERENCE YOUR: _____ Please furnish the following on the terms and conditions specified on both sides of this order and on the attached sheet, if any, including delivery as indicated.	
c. STREET ADDRESS 8283 GREENSBORO DRIVE 7039172337				Except for billing instructions on the reverse, this delivery order is subject to instructions contained on this side only of this form and is issued subject to the terms and conditions of the above-numbered contract.	
d. CITY MCLEAN		e. STATE VA	f. ZIP CODE 221023838		
9. ACCOUNTING AND APPROPRIATION DATA See Schedule				10. REQUISITIONING OFFICE SRRPOD	

11. BUSINESS CLASSIFICATION (Check appropriate box(es)) <input type="checkbox"/> a. SMALL <input checked="" type="checkbox"/> b. OTHER THAN SMALL <input type="checkbox"/> c. DISADVANTAGED <input type="checkbox"/> d. WOMEN-OWNED <input type="checkbox"/> e. HUBZone <input type="checkbox"/> f. SERVICE-DISABLED VETERAN-OWNED <input type="checkbox"/> g. WOMEN-OWNED SMALL BUSINESS (WOSB) ELIGIBLE UNDER THE WOSB PROGRAM <input type="checkbox"/> h. EDWOSB				12. F.O.B. POINT Destination	
13. PLACE OF a. INSPECTION Destination		b. ACCEPTANCE Destination		14. GOVERNMENT B/L NO.	
				15. DELIVER TO F.O.B. POINT ON OR BEFORE (Date)	
				16. DISCOUNT TERMS	

## 17. SCHEDULE (See reverse for Rejections)

ITEM NO. (a)	SUPPLIES OR SERVICES (b)	QUANTITY ORDERED (c)	UNIT (d)	UNIT PRICE (e)	AMOUNT (f)	QUANTITY ACCEPTED (g)
	DUNS Number: 006928857 Technical Support at Combustion Facilities and Engineering Support for Landfill Cover and Liner Design  This action hereby issues Time & Materials Continued ...					
SEE BILLING INSTRUCTIONS ON REVERSE	18. SHIPPING POINT		19. GROSS SHIPPING WEIGHT		20. INVOICE NO.	
	21. MAIL INVOICE TO:				\$30,000.00	17(h) TOTAL (Cont. pages)
	a. NAME RTP Finance Center					
	b. STREET ADDRESS (or P.O. Box) US Environmental Protection Agency RTP-Finance Center Mail Drop D143-02 109 TW Alexander Drive				\$131,797.00	17(i) GRAND TOTAL
c. CITY Durham		d. STATE NC	e. ZIP CODE 27711			

22. UNITED STATES OF AMERICA BY (Signature)

23. NAME (Typed)  
Nadia Velasco  
TITLE: CONTRACTING/ORDERING OFFICER

**ORDER FOR SUPPLIES OR SERVICES**  
**SCHEDULE - CONTINUATION**

PAGE NO

2

IMPORTANT: Mark all packages and papers with contract and/or order numbers.

DATE OF ORDER 04/17/2013	CONTRACT NO. EP-W-13-001	ORDER NO. 0010
-----------------------------	-----------------------------	-------------------

ITEM NO. (a)	SUPPLIES/SERVICES (b)	QUANTITY ORDERED (c)	UNIT (d)	UNIT PRICE (e)	AMOUNT (f)	QUANTITY ACCEPTED (g)
0001	<p>Task Order number 0010. The contractor's task order proposal submitted February 1, 2013 is hereby approved and incorporated by reference in the amount of \$131,797.00 (authorized TO ceiling). This action also incrementally funds this TO in the amount of \$30,000 (obligated TO ceiling) which the contractor is not authorized to exceed.</p> <p>Linda Meyer is appointed as the Task Order Contracting Officer's Representative (TOCOR). The Invoice Approving Official under this task order is Amberet Green. The work under this task order is non-severable. All other terms and conditions are hereby incorporated by reference from the parent Contract (EP-W-13-001).</p> <p>TOPO: Linda Meyer Max Expire Date: 12/31/2013 Admin Office: SRRPOD US Environmental Protection Agency Ariel Rios Building 1200 Pennsylvania Avenue, N. W. Mail Code: 3805R Washington DC 20460 Period of Performance: 04/17/2013 to 12/31/2013</p> <p>Base Period Requisition No: PR-R0-13-00076, PR-R0-13-00184</p> <p>Accounting Info: 13-14-B-10B-302DA1-2505---1310BDR006-0 01 BFY: 13 EFY: 14 Fund: B Budget Org: 10B Program (PRC): 302DA1 Budget (BOC): 2505 DCN - Line ID: 1310BDR006-001 Funding Flag: Partial Funded: \$20,000.00 Accounting Info: 13-14-B-10B-302DA1-2505---1310BDR019-0 01 BFY: 13 EFY: 14 Fund: B Budget Continued ...</p>				30,000.00	

TOTAL CARRIED FORWARD TO 1ST PAGE (ITEM 17(H))

\$30,000.00

ORDER FOR SUPPLIES OR SERVICES  
SCHEDULE - CONTINUATION

PAGE NO  
3

IMPORTANT: Mark all packages and papers with contract and/or order numbers.

DATE OF ORDER  
04/17/2013

CONTRACT NO.  
EP-W-13-001

ORDER NO.  
0010

ITEM NO. (a)	SUPPLIES/SERVICES (b)	QUANTITY ORDERED (c)	UNIT (d)	UNIT PRICE (e)	AMOUNT (f)	QUANTITY ACCEPTED (g)
	Org: 10B Program (PRC): 302DA1 Budget (BOC): 2505 DCN - Line ID: 1310BDR019-001 Funding Flag: Partial Funded: \$10,000.00					

TOTAL CARRIED FORWARD TO 1ST PAGE (ITEM 17(H))

\$0.00

**CONTRACT NUMBER: EP-W-13-001**  
**CONTRACT NAME: REPA 5**  
**CONTRACTOR NAME: Booz Allen Hamilton**  
**TASK ORDER NUMBER: 0010**

**I. TITLE**

**Technical Support at Combustion Facilities and Engineering Support for Landfill Cover and Liner Design**

**II. Contract Officer Representatives**

EPA Regional Task Order Contract Officer Representative (RTOCOR)

Amberet Green

1200 – 6<sup>th</sup> Avenue, AWT-122

Seattle, WA 98101

[Green.amberet@EPA.gov](mailto:Green.amberet@EPA.gov)

Work: (206) 553-0784

Fax: (206) 553-8509

EPA Task Order Contract Officer Representative (TOCOR)

Linda Meyer

1200-6<sup>th</sup> Avenue, Suite 900, AWT-121

Seattle, Washington 98101-3140

[Meyer.linda@EPA.gov](mailto:Meyer.linda@EPA.gov)

Work: (206) 553-6636

**III. Authorization**

This Performance Work Statement (PWS) is in accordance with Task (1-3), of the REPA 5 Zone III Contract PWS.

**IV. Period of Performance**

The period of performance for this Task Order (TO) is from the date of contracting Officer issuance through December 31, 2013

**V. Combustion Facilities**

**Hanford Waste Treatment Plant (WTP), Richland WA**

**Emerald Chemical, Kalama WA**

**Ft. Glenn, Uminak Island, Alaska**

**PermaFix Northwest, Richland WA**

**Idaho National Engineering Laboratory, Idaho Falls, ID**

**Landfill Sites:**

**US Ecology, Grandview Idaho**

**Chem Waste Management, Arlington OR**

**VI. Background**

The above list of sites are RCRA facilities which require technical support in the area of combustion of hazardous waste or design/closure of commercial landfills. This Task Order is unique, in that it covers multiple sites, each with varying technical review needs. Specifics on the document reviews/comments or support requested per facility will be provided via a technical direction document (TDD) to the contractor. The contractor shall perform the specified document reviews per the TDD in compliance with this PWS.

**VII. SCOPE OF WORK**

**TASK 1 – Technical Support in Review of documents**

This task includes evaluating the facility's submittals provided in response to RCRA enforcement orders or permits, e.g., combustion related items include: risk assessment work plans, trial burn work plans, and trial burn reports. Engineering support could include corrective action remedy construction/implementation including: treatability studies, preliminary design, final design, and operations and maintenance. Engineering support may also include review of: landfill covers, alternative covers, remedies for treatment of groundwater, surface water, soil vapors, or soil at landfills; liner and leachate collection system designs, operation and maintenance plans, and construction specifications. Expertise may be required from an assortment of disciplines including but not limited to civil engineering, mechanical engineering, chemical engineering in order to review treatment systems.

The contractor shall review and comment on documents or progress reports submitted during the permit application phase, pre-trial burn phase, and post trial burn phase. The contractor shall evaluate draft and final reports for compliance with the RCRA orders, permits, or other enforceable documents.

Technical review of documents are primarily reviews of technical studies or plans (e.g., engineering plans) and may include but is not limited to: emission inventory or emission modeling, risk assessments, trial burn plans, trial burn reports, landfill construction designs, cover designs, operation and maintenance plans, and construction specifications.

Review support should include application of common engineering principles, knowledge of appropriate codes and nomenclature to assess adequacy of design to meeting relevant performance standards. The typical types of review requests include:

#### Combustion Risk Assessment Support

The contractor shall review combustion risk assessment work plans and reports. The purpose of combustion risk assessment support is to provide technical analyses during permit reviews, negotiations, and litigations. The contractor shall use relevant EPA combustion guidance including but not limited to:

EPA's Hazardous Waste Incinerator regulations under 40 CFR 264 Subparts O, 40 CFR §270.19, and 270.62 , 40 CFR Part 60, Appendices, 40 CFR Part 63 Subpart EEE, and EPA SW-846 Methods.

EPA Hazardous Waste Incineration Guidance Series

Quality Assurance/Quality Control (QA/QC) Procedures for Hazardous Waste Incineration," EPA 625-6-89-023, 1/90

U.S. EPA "Risk Burn Guidance for Hazardous Waste Combustion Facilities," EPA 530-R-01-001, July 2001.

The contractor shall analyze design, waste feed, potential emissions, air modeling, conceptual site model, human health and ecological risk assessment approach in order to advise EPA on appropriate protective measures, e.g., permit conditions, corrective actions or penalty assessments.

#### Trial Burn Work Plans/Trial Burn Report Support

The contractor shall perform a detailed review of Trial Burn Work Plans/Trial Burn Reports for technical adequacy and completeness. The review will address consistency with EPA regulations, guidance and risk assessment work plans and will ensure that all required areas including sampling and analysis protocols, QA/QC, engineering description, principle organic hazardous constituents and products of incomplete combustion selection and justification, operating parameter specification and justification, air modeling, and monitors and instrumentation) are technically sound. The engineering portion of these reviews includes an evaluation of the applicant's combustion unit and air pollution control system. The contractor shall assist EPA in drafting Notice of Deficiencies (NODs) identifying additional information necessary for a complete submittal or recommendations for further action by EPA.

#### Technical Engineering Support

Review of Evaporative Cap Design for RCRA lined landfill.

This task includes review of cover designs for the final caps at RCRA land disposal facility and associated supporting information. The contractor shall review relevant test information and site specific data collected to support the design. Since EPA guidance is not extensive in the requirements for demonstrating equivalent performance to a RCRA

recommended cap the review should provide recommendations for an equivalency demonstration. EPA has little guidance on performance monitoring and operation and maintenance of alternative covers, the review should provide recommendations in these areas. The contractor shall provide written comments and recommendations 14 days from receipt of the task order.

**TASK 2. Technical Support at Meetings**

The contractor shall participate and provide technical support during meetings with EPA, the State, facility representatives, and public sector to discuss the document reviews and comments conducted under Task 2. This task includes meetings that are conducted via teleconferencing, meetings at the EPA offices, State offices, at the facility or with facility representatives, and the public or community groups.

**Task 3. Inspection/Performance Test Audits**

**Inspection/Demonstration Test**

The contractor shall participate in and conduct inspections or demonstration test observations at RCRA Facilities. This effort may include both an on-site inspection of the facility and a records review of documents submitted to EPA or the State as required pursuant to the Permit or Order. The contractor shall review permits, relevant engineering drawings, equipment specifications, trial burn work plans, or other technical information identified by EPA to prepare for the facility inspection.

The contractor shall be familiar with required health and safety protocols for the facility to be inspected. The contractor shall be familiar with the facilities contingency plan prior to conducting the inspection. The contractor shall obtain required health and safety training prior to conducting the inspection. The contractor shall attend any facility specific health and safety training required by the facility in order to conduct the inspection or demonstration test.

The contractor shall develop an inspection/demonstration test checklist prior to conducting the facility inspection or demonstration test. The checklist will detail important parameters or equipment to observe while conducting the inspection to assess operations and determine whether operations are in compliance with EPA/State orders or permits.

At the conclusion of the inspection or demonstration test the contractor shall submit an inspection report to EPA for review and approval. The Inspection/Observation Report shall include the inspection checklist used in preparation for the inspection, a description of the facility and areas observed during the inspection, areas where operations are not being conducted consistent with EPA/State issued Orders or Permits or areas of concern observed during the demonstration test. The Inspection report shall detail the compliance violation and reference to the requirement in the Order or Permit. The Inspection/Observation Report shall include field notes, document discussions with

facility personnel or equipment operators, and operating conditions at the time of the inspection.

#### **Trial Burn Audits**

The contractor shall provide equipment and personnel to conduct a performance test audit of the continuous emission monitors (CEMs) and volatile organic sampling train (VOST) and test observations. The contractor will provide four gas cylinders (2 level of carbon monoxide, one cylinder of oxygen, and one cylinder of total hydrocarbon) in order to conduct CEM audits. The contractor shall prepare a report documenting this filed activity. The contractor will also prepare and submit a Health and Safety Plan (HSP) specific to the conditions at the facility to be visited.

### **VIII. PROPOSED DOCUMENT REVIEWS AND MEETINGS FOR T.O.**

The following are anticipated for the contract period: (a) For Task 1, approximately 20 document reviews/comments are initially estimated. (b) For Task 2, approximately 10 conference calls. (c) For Task 3, 2 trips for an inspection/oversight of trial burn test and an oversight report.

### **IX. PERFORMANCE MEASURES AND QUALITY ASSURANCE**

The Contractor shall propose performance measures related to quality and timeliness of deliverables. The contractor shall propose the quality assurance systems and methods for periodic measurement, collection and reporting of its performance data.

The Contractor's deliverables will be inspected by the Government for acceptability. Unacceptable deliverables will be returned to the Contractor with comments and directions for necessary corrections or rework, as may be applicable.

### **X. TECHNICAL DIRECTION**

The TOCOR is authorized to provide technical direction, which clarifies the PWS. Technical direction must be within the scope of the contract and the TO. Technical direction is instruction to the contractor that approves approaches, solutions, designs, or refinements; fills in details; completes the general description of work or documentation items; shifts emphasis among work areas or tasks; or provides similar guidance. It includes evaluation of contractor performance and comments on deliverables.

The TOCOR shall issue technical direction in writing or confirm in writing within five (5) calendar days after verbal issuance. The TOCOR shall forward copies of the technical direction to the Contracting Officer (CO) and RTOCOR.

The CO is the only person authorized to make changes to the TO or contract. Any changes to the TO scope, period of performance or deliverable due dates must be approved by the CO in writing.

**XI. SCHEDULE OF TASKS AND DELIVERABLES**

The contractor shall perform/submit the following tasks and deliverables within the time frames specified below.

Tasks 1-3

Document Reviews/Comments & Meetings/ Inspections. . . . . As scheduled with the  
EPA TOCOR

EP-W-13-001 TASK ORDER 0010 MOD SUMMARY

Mod #	Reason For Modification	Award Date	Obligation	Total Amount
P00021	Supplemental Agreement for work within scope	5/15/2018	\$0.00	\$0.00
P00020	Funding Only Action	1/22/2018	\$0.00	\$0.00
P00019	Funding Only Action	1/16/2018	\$0.00	\$53,165.30
P00018	Funding Only Action	11/27/2017	\$0.00	\$0.00
BASE		4/17/2013	\$30,000.00	\$131,797.00
017	Funding Only Action	3/6/2017	\$0.00	(\$239.67)
016	Exercise an Option	3/6/2017	\$0.00	\$82,775.98
015	Funding Only Action	10/5/2016	\$0.00	\$0.00
014	Funding Only Action	8/4/2016	\$27,000.00	\$0.00
013	Funding Only Action	4/4/2016	\$10,000.00	\$0.00
012	Other Administrative Action	1/27/2016	\$15,000.00	\$80,612.88
011	Other Administrative Action	11/9/2015	\$0.00	\$0.00
010	Funding Only Action	10/5/2015	\$0.00	\$0.00
009	Funding Only Action	9/29/2015	\$0.00	\$0.00
008	Funding Only Action	5/28/2015	\$64,000.00	\$116,622.07
007	Funding Only Action	9/30/2014	\$0.00	\$0.00
006		6/11/2014	\$0.00	\$0.00
005	Funding Only Action	6/10/2014	\$62,700.00	\$0.00
004	Funding Only Action	4/23/2014	\$0.00	\$0.00
003	Funding Only Action	1/14/2014	\$0.00	\$178,967.62
002	Other Administrative Action	8/28/2013	\$55,000.00	\$10,047.00
001	Other Administrative Action	6/6/2013	\$0.00	(\$56,353.00)
				<b>\$597,395.18</b>

# ORDER FOR SUPPLIES OR SERVICES

PAGE OF PAGES

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IMPORTANT: Mark all packages and papers with contract and/or order numbers.

1. DATE OF ORDER 04/19/2013		2. CONTRACT NO. (If any) EP-W-13-001		6. SHIP TO: a. NAME OF CONSIGNEE Region 10	
3. ORDER NO. 0011		4. REQUISITION/REFERENCE NO. See Schedule			
5. ISSUING OFFICE (Address correspondence to) SRRPOD US Environmental Protection Agency Ariel Rios Building 1200 Pennsylvania Avenue, N. W. Mail Code: 3805R Washington DC 20460				b. STREET ADDRESS US Environmental Protection Agency 1200 Sixth Avenue, Suite 900	
				c. CITY Seattle	e. ZIP CODE 98101
7. TO: HEATHER TEED				f. SHIP VIA	
a. NAME OF CONTRACTOR BOOZ ALLEN HAMILTON INC.				8. TYPE OF ORDER	
b. COMPANY NAME				<input type="checkbox"/> a. PURCHASE <input checked="" type="checkbox"/> b. DELIVERY REFERENCE YOUR: _____ Please furnish the following on the terms and conditions specified on both sides of this order and on the attached sheet, if any, including delivery as indicated.	
c. STREET ADDRESS 8283 GREENSBORO DRIVE 7039172337				Except for billing instructions on the reverse, this delivery order is subject to instructions contained on this side only of this form and is issued subject to the terms and conditions of the above-numbered contract.	
d. CITY MCLEAN		e. STATE VA	f. ZIP CODE 221023838		
9. ACCOUNTING AND APPROPRIATION DATA See Schedule				10. REQUISITIONING OFFICE SRRPOD	

11. BUSINESS CLASSIFICATION (Check appropriate box(es)) <input type="checkbox"/> a. SMALL <input checked="" type="checkbox"/> b. OTHER THAN SMALL <input type="checkbox"/> c. DISADVANTAGED <input type="checkbox"/> d. WOMEN-OWNED <input type="checkbox"/> e. HUBZone <input type="checkbox"/> f. SERVICE-DISABLED VETERAN-OWNED <input type="checkbox"/> g. WOMEN-OWNED SMALL BUSINESS (WOSB) ELIGIBLE UNDER THE WOSB PROGRAM <input type="checkbox"/> h. EDWOSB				12. F.O.B. POINT Destination	
13. PLACE OF a. INSPECTION Destination		b. ACCEPTANCE Destination		14. GOVERNMENT B/L NO.	
				15. DELIVER TO F.O.B. POINT ON OR BEFORE (Date)	
				16. DISCOUNT TERMS	

## 17. SCHEDULE (See reverse for Rejections)

ITEM NO. (a)	SUPPLIES OR SERVICES (b)	QUANTITY ORDERED (c)	UNIT (d)	UNIT PRICE (e)	AMOUNT (f)	QUANTITY ACCEPTED (g)
	DUNS Number: 006928857 Tesoro Alaska Refinery Hydrogeological Support  This action hereby issues Time & Materials Task Order number 0011. The contractor's Continued ...					

SEE BILLING INSTRUCTIONS ON REVERSE	18. SHIPPING POINT		19. GROSS SHIPPING WEIGHT		20. INVOICE NO.		17(h) TOTAL (Cont. pages)
	21. MAIL INVOICE TO:						
	a. NAME RTP Finance Center						\$22,037.00
	b. STREET ADDRESS (or P.O. Box) US Environmental Protection Agency RTP-Finance Center Mail Drop D143-02 109 TW Alexander Drive						\$31,383.00
c. CITY Durham			d. STATE NC	e. ZIP CODE 27711		17(i) GRAND TOTAL	

22. UNITED STATES OF AMERICA BY (Signature)

23. NAME (Typed)  
Nadia Velasco  
TITLE: CONTRACTING/ORDERING OFFICER

# ORDER FOR SUPPLIES OR SERVICES

## SCHEDULE - CONTINUATION

PAGE NO

2

IMPORTANT: Mark all packages and papers with contract and/or order numbers.

DATE OF ORDER 04/19/2013	CONTRACT NO. EP-W-13-001	ORDER NO. 0011
-----------------------------	-----------------------------	-------------------

ITEM NO. (a)	SUPPLIES/SERVICES (b)	QUANTITY ORDERED (c)	UNIT (d)	UNIT PRICE (e)	AMOUNT (f)	QUANTITY ACCEPTED (g)
0001	<p>task order proposal submitted February 8, 2013 is hereby approved and incorporated by reference in the amount of \$31,383.00 (authorized TO ceiling). This action also incrementally funds this TO in the amount of \$22,037.00 (obligated TO ceiling) which the contractor is not authorized to exceed.</p> <p>Jan Palumbo is appointed as the Task Order Contracting Officer's Representative (TOCOR). The Invoice Approving Official under this task order is Amberet Green. The work under this task order is non-severable. All other terms and conditions are hereby incorporated by reference from the parent Contract (EP-W-13-001).</p> <p>TOPO: Linda Meyer Max Expire Date: 12/31/2013 Admin Office: SRRPOD US Environmental Protection Agency Ariel Rios Building 1200 Pennsylvania Avenue, N. W. Mail Code: 3805R Washington DC 20460 Period of Performance: 04/19/2013 to 12/31/2013</p> <p>Base Period Requisition No: PR-R0-13-00075, PR-R0-13-00126</p> <p>Accounting Info: 13--E1-10B1-302D11-2505---1310BDR003-0 01 BFY: 13 Fund: E1 Budget Org: 10B1 Program (PRC): 302D11 Budget (BOC): 2505 DCN - Line ID: 1310BDR003-001 Funding Flag: Partial Funded: \$20,000.00 Accounting Info: 12-13-B-10B00AK-402E90-2505---1310BDR0 10-001 BFY: 12 EFY: 13 Fund: B Budget Org: 10B00AK Program (PRC): 402E90 Budget (BOC): 2505 DCN - Line ID: Continued ...</p>				22,037.00	

TOTAL CARRIED FORWARD TO 1ST PAGE (ITEM 17(H))

\$22,037.00

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Prescribed by GSA FAR (48 CFR) 53.213(f)

ORDER FOR SUPPLIES OR SERVICES  
SCHEDULE - CONTINUATION

PAGE NO  
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IMPORTANT: Mark all packages and papers with contract and/or order numbers.

DATE OF ORDER  
04/19/2013

CONTRACT NO.  
EP-W-13-001

ORDER NO.  
0011

ITEM NO. (a)	SUPPLIES/SERVICES (b)	QUANTITY ORDERED (c)	UNIT (d)	UNIT PRICE (e)	AMOUNT (f)	QUANTITY ACCEPTED (g)
	1310BDR010-001 Funding Flag: Partial Funded: \$2,037.00					

TOTAL CARRIED FORWARD TO 1ST PAGE (ITEM 17(H))

\$0.00

**Tesoro Alaska Refinery**  
**Contract#: EP-W-13-001 / REPA 5**  
**Contractor: Booz Allen Hamilton**  
**POP: 04/19/13 – 12/31/13**

## **I. Title**

**Tesoro Alaska Refinery Hydrogeological Support**

## **II. Contracting Officer Representatives**

### **EPA Regional Task Order Contracting Officer Representative (RTOCOR)**

Amberet Green  
US EPA Region 10  
1200 6<sup>th</sup> Avenue, Suite 900, AWT- 122  
Seattle, Wa. 98101  
[Green.amberet@epa.gov](mailto:Green.amberet@epa.gov)  
Work: (206)553-0784  
Fax: (206)553-8509

### **EPA Task Order Contracting Officer Representative (TOCOR)**

Jan Palumbo, RCRA Permits Unit  
1200 - 6<sup>th</sup> Avenue, Suite 900, AWT-121  
Seattle, WA 98101  
[palumbo.jan@epa.gov](mailto:palumbo.jan@epa.gov)  
Work: 206-553-6702  
Fax: 206-553-8509

## **III. Authorization**

This Performance Work Statement (PWS) is in accordance with Task 1 and 2 of the REPA 5 Zone III Contract PWS.

## **IV. Period of Performance**

The period of performance for this Task Order (TO) is from the date of Contracting Officer issuance through December 31, 2013.

## **V. Background**

Tesoro Alaska Refinery is a RCRA facility which is conducting corrective action and post closure maintenance and monitoring under a post-closure and corrective action permit.

**Tesoro Alaska Refinery**  
**Contract#: EP-W-13-001 / REPA 5**  
**Contractor: Booz Allen Hamilton**  
**POP: 04/19/13 – 12/31/13**

Groundwater contamination, in both dissolved and liquid phases, extends underneath the major portion of the facility and off-site.

The primary constituents of concern are benzene, toluene, ethylbenzene and xylene.

Multiple groundwater extraction and treatment systems are in operation at the facility. The hydrogeology at the site is very complex. The facility must demonstrate capture of the contaminated groundwater and progress in remediation of the groundwater contamination. Extensive groundwater monitoring is also required.

Experienced hydrogeological support is needed for the review of the facility's continuing groundwater corrective action remediation and monitoring, and for review of corrective action progress reports, to ensure that the facility is meeting the performance standards in the permit.

#### **VI. Objective/Purpose**

The facility submits quarterly progress reports which describe the remediation and monitoring activities being conducted at the site. The facility also submits workplans and reports if required by EPA under the RCRA permit. The purpose of the task order is to review the quarterly progress reports to assess the effectiveness of the groundwater remediation and monitoring systems and to review workplans and reports required by EPA under the permit. As this site has complex hydrogeology, an experienced hydrogeologist is needed to review the data presented in the quarterly progress reports to ensure the remediation systems are working as designed and are meeting the performance standards required by the permit.

#### **VII. Scope of Work**

##### **TASK 1 – Document Review**

The contractor shall review and prepare comments on the Quarterly Progress Reports, workplans or reports required by EPA under the permit, and review and comment on any supporting documentation, submitted by the facility, to assess the effectiveness of the groundwater remediation and monitoring at the facility.

**Tesoro Alaska Refinery**  
**Contract#: EP-W-13-001 / REPA 5**  
**Contractor: Booz Allen Hamilton**  
**POP: 04/19/13 – 12/31/13**

Documents to be reviewed:

- 4 quarterly Reports
- Workplan and Report for Phase 2 Testing of PM Highway AS/SVE pilot system
- Monitoring Report for Deep Benzene Plume and follow-up
- Report on PIRM AS/SVE System Performance

## **TASK 2 – Meeting Support**

The contractor shall provide technical support during meetings/teleconferences. Four meetings are anticipated in Seattle.

## **VIII. Performance Measures and Quality Assurance**

The contractor shall propose performance measures related to quality and timeliness of deliverables. The contractor shall propose the quality assurance systems and methods for periodic measurement, collection, and reporting of its performance data.

The Contractor's deliverables will be inspected by the Government for acceptability. Unacceptable deliverables will be returned to the Contractor with comments and directions for necessary corrections or rework, as may be applicable. The complexity level of this effort is rated highly complex.

## **IX. Technical Direction**

The TOCOR is authorized to provide technical direction, which clarifies the PWS. Technical direction must be within the scope of the contract and the TO. Technical direction is instruction to the contractor that approves approaches, solutions, designs, or refinements; fills in details; completes the general description of work or documentation items; shifts emphasis among work areas or tasks; or provides similar guidance. It includes evaluation of contractor performance and comments on deliverables.

The TOCOR shall issue technical direction in writing or confirm in writing within five (5) calendar days after verbal issuance. The TOCOR shall forward copies of the technical direction to the Contracting Officer (CO) and RTOCOR.

The CO is the only person authorized to make changes to the TO or contract. Any changes to the TO scope, period of performance or deliverable due dates must be approved by the CO in writing.

**Tesoro Alaska Refinery**  
**Contract#: EP-W-13-001 / REPA 5**  
**Contractor: Booz Allen Hamilton**  
**POP: 04/19/13 – 12/31/13**

**X. Schedule of Tasks and Deliverables**

The contractor shall perform/submit the following tasks and deliverables within the timeframes established below:

**DELIVERABLE**

**DUE DATE**

Task 1

Document Review

30 Days after receipt of request

Task 2

Meetings

As scheduled by the EPA TOCOR

NOTE:

Requests for deliverable extensions must be made before the anticipated due date of the comments. Extensions may be granted, but only after approval from the EPA TOCOR.

EP-W-13-001 TASK ORDER 0011 MOD SUMMARY

Mod #	Reason For Modification	Award Date	Obligation	Total Amount
P00022	Other Administrative Action	6/14/2018	\$0.00	\$0.00
	Supplemental Agreement for work			
P00021	within scope	5/15/2018	\$0.00	\$0.00
P00019	Funding Only Action	12/1/2017	\$0.00	\$0.00
P00018	Funding Only Action	11/21/2017	(\$15,000.00)	\$0.00
BASE		4/19/2013	\$22,037.00	\$31,383.00
020	Funding Only Action	3/23/2018	(\$12,310.78)	\$0.00
017	Funding Only Action	9/11/2017	\$0.00	\$0.00
016	Funding Only Action	9/1/2017	\$0.00	\$0.00
015	Other Administrative Action	9/1/2017	\$0.00	\$58,786.00
014	Other Administrative Action	6/6/2017	\$0.00	\$0.00
013	Other Administrative Action	6/5/2017	\$0.00	\$0.00
012	Funding Only Action	5/31/2017	\$15,000.00	\$15,000.00
011	Funding Only Action	3/3/2017	\$0.00	\$42,450.00
010	Funding Only Action	9/12/2016	\$19,627.95	\$0.00
009	Funding Only Action	4/6/2016	\$14,250.00	\$0.00
008	Exercise an Option	12/4/2015	\$7,750.00	\$41,627.95
007	Funding Only Action	5/20/2015	\$36,357.04	\$0.00
006	Funding Only Action	11/24/2014	\$0.00	\$40,043.05
005	Funding Only Action	11/12/2014	\$0.00	\$0.00
004	Funding Only Action	6/25/2014	\$5,000.00	\$0.00
003	Funding Only Action	12/30/2013	\$0.00	\$39,618.39
002	Other Administrative Action	12/23/2013	\$0.00	\$0.00
001	Other Administrative Action	9/5/2013	\$17,963.00	\$9,911.00

# ORDER FOR SUPPLIES OR SERVICES

PAGE 1 OF 12 PAGES

IMPORTANT: Mark all packages and papers with contract and/or order numbers.

1. DATE OF ORDER 04/19/2013		2. CONTRACT NO. (If any) EP-W-13-001		6. SHIP TO: a. NAME OF CONSIGNEE R7	
3. ORDER NO. 0012		4. REQUISITION/REFERENCE NO. PR-R7-12-00287			
5. ISSUING OFFICE (Address correspondence to) SRRPOD US Environmental Protection Agency Ariel Rios Building 1200 Pennsylvania Avenue, N. W. Mail Code: 3805R Washington DC 20460				b. STREET ADDRESS 11201 Renner Blvd.	
				c. CITY Lenexa	e. ZIP CODE 66219
7. TO: HEATHER TEED				f. SHIP VIA	
a. NAME OF CONTRACTOR BOOZ ALLEN HAMILTON INC.				8. TYPE OF ORDER	
b. COMPANY NAME				<input type="checkbox"/> a. PURCHASE <input checked="" type="checkbox"/> b. DELIVERY REFERENCE YOUR: _____ Please furnish the following on the terms and conditions specified on both sides of this order and on the attached sheet, if any, including delivery as indicated.	
c. STREET ADDRESS 8283 GREENSBORO DRIVE 7039172337				Except for billing instructions on the reverse, this delivery order is subject to instructions contained on this side only of this form and is issued subject to the terms and conditions of the above-numbered contract.	
d. CITY MCLEAN		e. STATE VA	f. ZIP CODE 221023838		
9. ACCOUNTING AND APPROPRIATION DATA See Schedule				10. REQUISITIONING OFFICE SRRPOD	

11. BUSINESS CLASSIFICATION (Check appropriate box(es))				12. F.O.B. POINT Destination	
<input type="checkbox"/> a. SMALL <input checked="" type="checkbox"/> b. OTHER THAN SMALL <input type="checkbox"/> c. DISADVANTAGED <input type="checkbox"/> d. WOMEN-OWNED <input type="checkbox"/> e. HUBZone <input type="checkbox"/> f. SERVICE-DISABLED VETERAN-OWNED <input type="checkbox"/> g. WOMEN-OWNED SMALL BUSINESS (WOSB) ELIGIBLE UNDER THE WOSB PROGRAM <input type="checkbox"/> h. EDWOSB					
13. PLACE OF a. INSPECTION Destination		b. ACCEPTANCE Destination		14. GOVERNMENT B/L NO.	
				15. DELIVER TO F.O.B. POINT ON OR BEFORE (Date)	
				16. DISCOUNT TERMS	

## 17. SCHEDULE (See reverse for Rejections)

ITEM NO. (a)	SUPPLIES OR SERVICES (b)	QUANTITY ORDERED (c)	UNIT (d)	UNIT PRICE (e)	AMOUNT (f)	QUANTITY ACCEPTED (g)
	DUNS Number: 006928857 IOWA Inspections CEI #2 Region 7  This action hereby issues Time & Materials Task Order number 0012. The contractor's Continued ...					
SEE BILLING INSTRUCTIONS ON REVERSE	18. SHIPPING POINT	19. GROSS SHIPPING WEIGHT		20. INVOICE NO.		17(h) TOTAL (Cont. pages)
	21. MAIL INVOICE TO:					
	a. NAME		RTP Finance Center		\$10,000.00	17(i) GRAND TOTAL
	b. STREET ADDRESS (or P.O. Box)		US Environmental Protection Agency RTP-Finance Center Mail Drop D143-02 109 TW Alexander Drive		\$243,971.00	
	c. CITY		d. STATE	e. ZIP CODE		
Durham		NC	27711			

22. UNITED STATES OF AMERICA BY (Signature)

23. NAME (Typed)  
James Langan  
TITLE: CONTRACTING/ORDERING OFFICER

**ORDER FOR SUPPLIES OR SERVICES**  
**SCHEDULE - CONTINUATION**

PAGE NO  
2

IMPORTANT: Mark all packages and papers with contract and/or order numbers.

DATE OF ORDER 04/19/2013	CONTRACT NO. EP-W-13-001	ORDER NO. 0012
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ITEM NO. (a)	SUPPLIES/SERVICES (b)	QUANTITY ORDERED (c)	UNIT (d)	UNIT PRICE (e)	AMOUNT (f)	QUANTITY ACCEPTED (g)
0001	<p>task order proposal submitted April 10, 2013 is hereby approved and incorporated by reference in the amount of \$243,971.00 (authorized TO ceiling). This action also incrementally funds this TO in the amount of \$10,000.00 (obligated TO ceiling) which the contractor is not authorized to exceed.</p> <p>Gary Witkovski is appointed as the Task Order Contracting Officer's Representative (TOCOR). The Invoice Approving Official under this task order is Aaron Zimmerman. The work under this task order is severable. All other terms and conditions are hereby incorporated by reference from the parent Contract (EP-W-13-001).</p> <p>TOPO: Gary Witkovski Max Expire Date: 12/31/2013 Admin Office: SRRPOD US Environmental Protection Agency Ariel Rios Building 1200 Pennsylvania Avenue, N. W. Mail Code: 3805R Washington DC 20460 Period of Performance: 04/19/2013 to 12/31/2013</p> <p>Base Period</p> <p>Accounting Info: 12--E1-07L1-302D11-2505---1207L92006-0 01 BFY: 12 Fund: E1 Budget Org: 07L1 Program (PRC): 302D11 Budget (BOC): 2505 DCN - Line ID: 1207L92006-001 Funding Flag: Complete Funded: \$10,000.00</p>				10,000.00	

TOTAL CARRIED FORWARD TO 1ST PAGE (ITEM 17(H))

\$10,000.00

CONTRACT NUMBER:  
CONTRACT NAME: REPA 5  
CONTRACTOR NAME:  
REGIONAL TASK ORDER NUMBER:  
March 26, 2013

I. **Title** IOWA INSPECTIONS

II. **Contract Officer Representatives**

**EPA Regional Task Order Contract Officer Representative (RTOCOR)**

Aaron Zimmerman  
US EPA Region 7  
11201 Renner Boulevard  
Lenexa, KS 66219  
[zimmerman.aaron@epa.gov](mailto:zimmerman.aaron@epa.gov)  
Work: (913) 551-7333

**EPA Task Order Contract Officer Representative (TOCOR)**

Gary R. Witkovski (ENSV/EFCB)  
U.S. EPA  
Neal Smith Federal Building  
210 Walnut Street, Room 473  
Des Moines, IA 50309-2109  
[Witkovski.Gary@epa.gov](mailto:Witkovski.Gary@epa.gov)  
(515) 284-4029 Phone

**EPA Alternate TOCOR**

Trevor L. Urban (ENSV/EFCB)  
U.S. EPA Region VII  
300 Minnesota Ave.  
Kansas City, KS 66101  
[Urban.Trevor@epa.gov](mailto:Urban.Trevor@epa.gov)  
(913) 551-7133 Phone  
(913) 551-5296 Fax

III. **Authorization**

This Performance Work Statement (PWS) is in accordance with Task 2.1 (Field Audit/Oversight and Inspection), of the REPA 5 Zone III Contract SOW.

IV. **Period of Performance**

The period of performance for this Task Order (TO) is from the date of Contracting Officer issuance through December 31, 2013.

V. **Background**

Since the State of Iowa does not conduct inspections under the Resource Conservation and Recovery Act (RCRA) Program, Region VII enters into a contract for the completion of RCRA inspections in the State of Iowa.

VI. **Objective/Purpose**

The purpose of the Performance Work Statement (PWS) is to provide technical assistance to the EPA Region VII RCRA Program by conducting inspections, or assisting EPA inspectors in conducting inspections, at Iowa facilities for compliance with the federal hazardous waste, universal waste and used oil regulations (40 CFR 260-299) and any RCRA permits that have been issued. This work includes gathering information and evidence, including samples if necessary to determine and document facility compliance. The work also includes conducting a multimedia screening inspection at each facility, verifying facility information obtained from the RCRA Information database, and providing each facility with an assortment of compliance assistance information. EPA is the decision authority on which facilities will be inspected, and is responsible for making all final determinations or conclusions.

The work performed by the contract inspector for each facility will be conducted in three stages and is generally specified below (Note: if only assisting an EPA inspector the specific assigned activities will be coordinated with the EPA inspector).

VII. **Assumptions and Constraints**

**The contractor shall give priority to completion of all CEIs to insure all CEI inspections are completed as soon as possible. Screening CEIs shall be considered a secondary priority.**

Pre-Inspection

Review of pre-inspection form (facility specific and completed by the EPA compliance officer);  
Review of Region VII file information;  
Discussions with the assigned compliance officer (and EPA permit writer if necessary).

Inspection

Obtaining and documenting facility compliance information per National and Regional SOPs;  
Taking photographs and maintaining a photo log;  
Obtaining samples if specified;  
Verifying/updating facility information in the RCRA Information Database (printout provided);  
Conducting a multimedia screening inspection;  
Presenting each facility with an assortment of compliance assistance information (provided);  
Completion of inspection conclusion forms specified in Regional SOPs (provided);  
Contacting EPA TOCOR or designated alternate if issues arise.

Post Inspection

Handling any Confidential Business Information (CBI) from facility per Region VII policy;  
Brief EPA compliance officer on inspection findings;  
Consult with EPA compliance officer or TOCOR on technical issues and interpretations;  
Documenting inspection findings in a written report (trip report if assisting an EPA inspector);  
Experienced RCRA inspectors with recent RCRA inspection experience (within previous 3 years) who have met the requirements of EPA Order 3500.1 are required for facilities where the contractor is conducting the inspection. Each contract inspector must have a good working knowledge of the current applicable federal hazardous waste, universal waste and used oil regulations. Contract inspectors participating in sampling activities must also have a good working knowledge of sampling techniques and methods. Experienced inspectors help to ensure high quality inspections and reports, and evidentiary levels that will support

potential formal enforcement actions without need for further follow-up investigations. Each inspector must also have completed the Region VII non-TSCA CBI training.

**The work under this contract is considered 30% low complexity, 40% moderate complexity, and 30% high complexity.**

## VIII. Scope

The contractor shall provide the personnel, services, materials, and equipment necessary to conduct the inspections and reporting requirements. In implementing the scope of work, the contractor shall perform the following tasks.

### **Task 1 – Initial start-up activities**

The contractor shall meet with the TOCOR within 14 calendar days of receiving the PWS, to discuss the project objectives, strategy for achieving those objectives and alternate paths of action that might arise during the project. A discussion of ideas/needs is critical to the success of the project, and necessary for the Contractor to be able to develop an accurate Work Plan. During this meeting (Meeting #1), the TOCOR will provide the following information to the Contractor:

- National and Regional RCRA Inspection SOPs and Regional Non-TSCA CBI SOP (must be returned within 7 days to TOCOR but may be copied)
- Inspection checklist (included in Regional Inspection SOP) It should be noted that the inspection checklist must be copied from the information provided in Meeting #1.
- Multimedia screening checklist
- Sample reports
- If assigned, information needed to prepare inspection SOP
- If assigned, SOPs referenced under Special Inspection Procedures

The Work Plan should include an inspection schedule detailing the proposed inspection dates, as well as which contract personnel will conduct or assist with each inspection.

### **Task 2 – Conduct Field Inspections**

The Contractor shall schedule and conduct inspections (within the specified fiscal year), or assist EPA inspectors, at Iowa facilities specified by the TOCOR (see Attachment 1) according to the following procedures. To the greatest extent possible, inspections should be scheduled geographically, so that travel expenses are minimized and travel time is used efficiently.

#### Work Initiation Procedures

The TOCOR shall identify the facilities, including their known regulatory status, under this PWS in Attachment 1. Unless specifically stated, the inspections will be fully conducted by the Contractor (not just assistance to an EPA inspector) and will not include sampling. These inspections will be referred to as Compliance Evaluation Inspections (CEIs). Inspections that include sampling will be referred to as Compliance Sampling Inspections (CSIs). All inspections will include compliance evaluations relevant to actual regulatory status, if that differs from what is listed in Attachment 1. Any unique inspection needs will be communicated to the contract inspector through a pre-inspection form completed by the EPA compliance officer. These will be provided to the Contractor during Meeting #2. If the inspection is specified in Attachment 1 as a Compliance Assistance Visit (CAV), RCRA Screening Inspection (RSI) or Non-Notifier Identification Inspection (NNII), then the special inspection procedures listed below should be followed.

#### Meeting #2

Following approval of the Contractor Work Plan and prior to conducting any inspections, the contractor inspectors and the TOCOR will meet to discuss the inspection process. Forms and information being provided by the EPA will also be transferred at this meeting. Topics at this meeting include:

- Inspection process explanations/highlights
- Report preparation highlights
- Pre-inspection forms provided and explained
- Discussion of common past problems with inspections
- Inspection authority information provided (Letters of Authorization, 1001/1002, 3007a)
- Facility compliance assistance handouts provided
- Use of provided printouts to verify/update facility information in EPA RCRA database
- Inspection conclusion sheets provided and explained
- Use of multimedia screening checklist
- Use of field audits by EPA TOCOR for contract quality control
- Completion of transmittal memo that will accompany the inspection report
- Inspection report review process and how feedback will occur
- Question/answer session

#### General Inspection preparation Procedures

All personnel conducting and assisting with inspections will be familiar with the "RCRA Inspection Manual" (Office of Solid Waste & Emergency Response) Directive 9938.02B/1998 Revision, the EPA Region VII RCRA CEI SOP 2321.1C, and the Non-TSCA CBI SOP No. 2120.3A. These will be provided to the Contractor during meeting #1 and may be copied. The originals must be returned to the TOCOR within 7 days. In addition, all contractor personnel involved with sampling activities will be proficient in the operation of sampling and health/safety monitoring equipment and associated SOPs.

#### Assistance to an EPA Inspector

If the Contractor has been requested to provide assistance to an EPA inspector, the contractor shall coordinate with the EPA inspector assigned to the facility to set up a meeting/call (whichever is most cost effective and least expensive) in advance to discuss the specific scope of the inspection and clarify roles, responsibilities and approach. The contractor must make advanced arrangements for the meeting/call to take place at least 14 calendar days prior to the date that the contractor would depart to conduct the inspection with the EPA inspector. Under special circumstances, the time frame requirements can be waived by the TOCOR. Assistance to the EPA inspector will typically include activities from the pre-inspection and inspection processes detailed below.

#### Pre-Inspection

The contract inspector will contact the assigned EPA compliance officer for the facility to discuss the inspection and any unique aspects. The contractor must make advance arrangements for the meeting/call (whichever is most cost effective and least expensive) to take place at least 14 days prior to the date that the contractor would depart to conduct the inspection. Under special circumstances, the time frame requirements can be waived by the TOCOR. Prior to the meeting/call with the EPA compliance officer, the contract inspector will review the pre-inspection form, facility information in the Region VII files, and any other provided information. Based on the discussions with the EPA compliance officer, the contract inspector may need to discuss the inspection further with the EPA permit writer if a permit has been (or is to be) issued to the facility.

#### Inspection

All contractors shall be thoroughly familiar with and conduct inspections in accordance with the "RCRA Inspection Manual" (Office of Solid Waste & Emergency Response) Directive 9938.02B/1998 Revision, the EPA Region 7 RCRA Compliance Evaluation Inspection SOP 2321.1C, and the Non-TSCA CBI SOP No. 2120.3A, except as modified below. If any of these references are updated during the effective period of this PWS, then the updated reference will be provided by the TOCOR to the Contractor, who will then follow the updated reference.

- a. "EFCB" is replaced with "Contractor."

- b. The “inspector” refers to “the contractor inspector.”
- c. The “EFCB coordinator” is the “TOCOR.”
- d. A Notice Of Violation (NOV) will not be provided to the facility by the contractor. Instead a Notice of Preliminary Findings (NOPF) will be provided to the facility.
- e. In the denial of access procedures outlined in the October 4, 1990 memorandum, the “RMON Section Chief” is replaced by the “TOCOR.”
- f. The confidentiality notice to be used is the most current on dated 11/15/99.
- g. The inspection report package (inspection report) will consist of the items specified in the SOP, with copies of the NOPF instead of the NOV, and if illegal/improper storage, treatment or disposal of hazardous waste is involved, a sketch of the facility which identifies, but is not limited to the following:
  - i. each hazardous waste storage, treatment or disposal area.
  - ii. each hazardous waste satellite accumulation area.
  - iii. all buildings and structures at the facility and what activities are associated with each building and structure.
- h. All used oil management areas must be inspected for compliance with RCRA used oil regulations.
- i. A multimedia screening inspection checklist will be completed for each inspection. The most recent version (dated 8/23/05) should be used.
- j. Facility information in the RCRA Information Database (printout provided) will be verified and updated on the blue copy. The white copy should be left with the facility.
- k. Each facility will be provided with an assortment of compliance assistance information. This information will be provided to the contract inspector by the TOCOR during Meeting #2.
- l. The contractor will present the facility with their letter of Authorization at the beginning of the inspection. They will also provide the TOCOR's business card.
- m. If an NOPF is presented to the facility, facility representatives should be strongly encouraged to respond to the TOCOR in writing, but it should be clarified that a response is not required.
- n. If issues arise during an inspection, the contract inspector should contact the TOCOR or a designated alternate.
- o. Copies of USC 1001/1002 and RCRA 3007a will be provided to each contract inspector during Meeting #2. During each inspection, the primary facility representatives should be given the opportunity to review this information to understand the EPA inspection authority and the need to provide accurate information during the inspection. A copy of both shall be left with the facility representative.

#### Post Inspection

Within 7 calendar days upon returning from the inspection, the contract inspector will verbally brief the compliance officer on the inspection results. This can be done in a meeting/call (whichever is most effective and least expensive). Under special circumstances, the time frame requirements can be waived by the TOCOR. The contract inspector should consult with the compliance officer and/or TOCOR on any technical issues/concerns and regulatory interpretations. If any CBI has been received from the facility during the inspection, it must be handled per Region VII policy. Following the inspection, the pre-inspection form should be included with the final report package (never to be included in the inspection report).

Also within 7 calendar days upon return from the inspection, the contract inspector will provide the TOCOR with a completed Inspection Conclusion Data Sheet (ICDS). Blank copies of the ICDS and directions will be provided to each contract inspector prior to the start of inspections.

#### Special Inspection Procedures

RCRA Screening Inspection – Procedures for this type of inspection are detailed in the draft RSI SOP

dated 4/28/97. A copy of this draft SOP will be provided by the TOCOR to the Contractor at Meeting #1 if this type of inspections is requested. All decisions on whether to convert from and RSI to a CEI will be made by the TOCOR, not the contract inspector. The contract inspector should contact the TOCOR or a designated alternate for a decision.

Non-Notifier Identification Inspection – Procedures for this type of inspection are detailed in the NNII SOP Dated 10/5/90. A copy of this SOP will be provided by the TOCOR to the Contractor at Meeting #1 if this type of inspection is requested.

Sampling Inspection – All contractor personnel involved with sampling activities will be proficient in the operation of sampling and health and safety monitoring equipment and associated SOPs. The responsibilities of the contractor inspector who performs or assists with the CSI will be defined with the PWS on a case by case basis and may include:

- a. Development of a Quality Assurance Project Plan (QAPP) and/or Site Safety Plan per Regional and National Policies. QAPPs must be reviewed and approved by the Region VII Quality Assurance Program.
- b. Coordinating with the Region VII laboratory.
- c. Obtaining sampling equipment and supplies.
- d. Collecting and documenting samples.
- e. Delivery of samples to the Region VII laboratory.

### **TASK 3 – Prepare SOPs**

If specified for an assigned type of inspection in Attachment 1, the Contractor will prepare a Standard Operating Procedure (SOP) according to the Region VII "Preparation of SOPs," 1330.4E, dated 6/28/01, which will be provided to the Contractor by the TOCOR during Meeting #1? A narrative providing details of the intended scope, procedures and goals of the inspection will also be provided to the Contractor by the TOCOR during Meeting #1. The draft inspection SOP must be submitted by the Contractor to the TOCOR within 4 weeks of the Work Plan approval. The draft inspection SOP will be received by the TOCOR, the Quality Assurance Program and possibly others. Any revision request will be provided through the TOCOR to the Contractor. The Contractor will incorporate the revisions into a final SOP which will be provided to the TOCOR within 2 weeks of receipt of the revisions by the Contractor.

### **TASK 4 – Inspection Reports**

#### Facilities Inspected Report

The Contractor shall submit to the TOCOR each Tuesday, following a week when inspections were conducted, a letter or memo listing the facilities inspected by name, ID number, street address including city and zip code, inspector name including middle initial, first date of inspection, regulatory status of the facility when inspected and if an NOPF was issued. The letter or memo shall be delivered to the TOCOR no later than 10 am on Tuesday. Attached to this letter or memo should be carbon copies of any NOPFs issued (one of the carbon copies should be kept by the Contractor for use in the inspection report) and signed copies of the blue RCRA Information Database printout, listing and observed revisions (photocopy should be kept by the Contractor for use in the inspection report).

#### Inspection Report

Inspection reports shall be written in the format currently used by the Environmental Field Compliance Branch (EFCB) of ENSV, and may include a waste table as used in some EFCB CEI reports. Waste tables should only be used when summary information is sufficient to describe waste generation,

classification and management. Sample reports, some of which include a waste table, will be provided during Meeting #1.

A. Draft Inspection Report – The Contractor shall submit to the TOCOR one electronic copy of the draft inspection report for each facility, within 24 calendar days of conducting an inspection requested under the PWS. The actual draft report shall be submitted to the TOCOR within 5 calendar days of the electronic copy. For sampling inspections, the draft report shall be submitted within 28 calendar days of receipt of the analytical results by the Contractor. The draft inspection report shall be accompanied by a completed transmittal memo (this form will be provided to the Contractor by the TOCOR during Meeting #2). Prior to submittal to the TOCOR, the Contractor should conduct internal grammatical and technical reviews of the draft report. These reviews should be documented on a check sheet, and the review comments incorporated into the draft inspection report that is sent to the TOCOR. Review check sheets should be sent with the draft inspection report to the TOCOR.

B. Review Of Draft Report - The TOCOR will review the draft inspection report for logic, consistency, technical accuracy and regulatory accuracy. Comments will be provided to the Contractor by the TOCOR in writing or email. If the contract inspector has questions regarding the comments, the TOCOR should be contacted by telephone or email for clarification.

C. Final Inspection Report – The Contractor, within 7 calendar days of receipt of comments from the TOCOR shall revise and resubmit an electronic copy of the report. The actual final report shall be submitted to the TOCOR within 5 calendar days of the electronic copy. The revised report shall incorporate/address all of the TOCOR's comments. The Contractor should submit only the original report to the TOCOR. The original final inspection report should not be bound in any manner. Copies shall contain color copied photos. If the entire report is classified as CBI, the original final inspection report, along with all drafts, notes, negatives, computer disks, and any other information collected during the inspection, are to be sent to the TOCOR in accordance with CBI procedures. If the facility's CBI claim only covers one or more attachments, these should only be referenced in the report (do not put CBI information into the narrative) and normal report handling procedures should be followed. The CBI attachment(s) should not be included as part of the final inspection report, but should be sent to the TOCOR, who will arrange for placement into the Region 7 CBI files.

D. Final Inspection Report/Requested Revisions By Compliance Office – Final inspection reports are ultimately reviewed by the assigned compliance officer, who will then decide what, if any, follow-up actions are required by the EPA. If the compliance officer observes that the final inspection report contains any errors that are so significant that the report must be corrected, that request will be forwarded to the Contractor by the TOCOR. A revised final inspection report must then be provided in accordance with the provisions of Paragraph C above.

#### Trip Reports

For inspection and sampling assistance inspections, a draft trip report summarizing the inspection and/or sampling activities (and documenting the collection of samples) shall be provided to the TOCOR within 14 calendar days of the inspection. The draft trip report must detail what and where any samples were taken and any deviations from the QAPP. A map indicating sample locations must be included. Documenting the collection of samples also includes taking photographs and providing the photographs and a photo log in the report. The TOCOR and/or EPA inspector will comment on the draft trip report in writing or email. The Contractor, within 7 calendar days of receipt of the comments from the TOCOR and/or EPA inspector shall revise and resubmit the report to the TOCOR. The revised report shall incorporate/address all of the comments.

#### Additional

A. Under special circumstances, the TOCOR may request a deliverable to be submitted prior to the scheduled date determined above. The TOCOR will coordinate with the Contractor in prioritizing the affected tasks to accommodate such a situation. The Contractor will prepare a deliverable to summarize

the situation.

B. The Contractor must notify the TOCOR at least 5 calendar days prior to a due date of a deliverable if that due date is expected to be missed, and must request an extension. The Contractor will coordinate with the TOCOR to determine the new due date for the deliverable and prepare a deliverable to summarize the decision.

C. Contractor personnel, who conducted inspections or assisted an EPA inspector with, conducting inspections, shall be available to answer questions over the telephone (or in a meeting if more efficient and cost effective) from compliance officers, attorneys, EPA inspectors or the TOCOR regarding the inspection of trip reports written by contractor personnel. Contractor personnel shall also be available to provide depositions and/or testimony if formal enforcement results from an inspection.

D. Field notes are to be retained upon completion of the inspection report. They are not to be included as a report attachment, but are rather to be attached to the Document Control Check Sheet.

#### IX. **Performance Measures and Quality Assurance**

The contractor shall provide field audit/oversight and inspection support in accordance with applicable laws, regulations, policies, guidance, and direction provided in the individual task orders. This support shall be tailored to the needs of, and be consistent with, the policies and guidance of the specific office being supported. This support shall meet or exceed professional industry standards.

The contractor shall be adequately prepared before going into the field, including but not limited to: appropriate field staff with required training and knowledge, appropriate field equipment (personal protective gear, surveillance equipment, etc.), familiarity with site conditions, and requirements of applicable plans and settlement documents. The contractor shall use detailed logbooks and photographs to support observations and activities in the field.

The contractor shall coordinate and integrate all activity needed to provide the required support (e.g., problem identification/resolution strategy; responses to inquiries, and/or technical, service, administrative issues, etc.) in a timely, complete and effective manner. The contractor shall use QA monitoring tools to ensure technical support and deliverables meet contract and task order requirements.

Deliverables should be of sufficient quality to document any violations or deviations in the field. Deliverables or technical support shall demonstrate that relevant information and documentation was considered when developing field audit, oversight or inspection reports. Deliverables shall include the rationale behind any findings, conclusions or recommendations.

Deliverables shall meet the schedule and cost presented in the task order. Written deliverables shall reflect a good command of the English language, be well-organized, and free of grammatical errors, misspellings and incomplete sentences. As required, written deliverables shall also have high-quality professional graphics. Preparation and printing of materials shall be in accordance with GPO guidelines.

The contractor shall utilize staff with the appropriate level of education and work experience to meet the task order requirements. Specialized and/or expert staff must meet the minimum requirements as identified in the individual task orders. Contractor staff shall demonstrate a high level of professionalism.

The contractor shall propose performance measures related to quality and timeliness of deliverables. The contractor shall propose the quality assurance systems and methods for periodic measurement, collection and reporting of its performance data.

#### X. **Technical Direction**

The TOCOR is authorized to provide technical direction, which clarifies the PWS. Technical direction must be within the scope of the contract and the TO. Technical direction is instruction to the contractor that approves approaches, solutions, designs, or refinements; fills in details; completes the general description

of work or documentation items; shifts emphasis among work areas or tasks; or provides similar guidance. It includes evaluation of contractor performance and comments on deliverables.

The TOCOR shall issue technical direction in writing or confirm in writing within five (5) calendar days after verbal issuance. The TOCOR shall forward copies of the technical direction to the Contracting Officer (CO) and RTOCOR.

The CO is the only person authorized to make changes to the TO or contract. Any changes to the TO scope, period of performance or deliverable due dates must be approved by the CO in writing.

#### XI. **Schedule of Deliverables**

The duplication of more than 5,000 copies of a single page or 25,000 or more total impressions is considered "printing" and, therefore, prohibited. For more information on restrictions relating to deliverables, the Contractor is referred to the EPA Publication Management Guide (EPA-175-K-92-011).

##### SUMMARY OF DELIVERABLES AND DUE DATES

1. Inspection Schedule (Task 1) – included with Work Plan.
2. Inspection Conclusion Data Sheet (Task 2) – within 7 calendar days upon returning from the inspection.
3. Draft Inspection SOP (Task 3) – within 28 calendar days of the Work Plan approval.
4. Final Inspection SOP (Task 3) – within 14 calendar days of review comments.
5. Facilities Inspected Report (Task 4) – weekly by Tuesday 10 am, following a week when inspections were conducted.
6. Draft Inspection Report (Task 4) – within 21 calendar days of the inspection start date; for sampling inspection this is changed to 28 calendar days from receipt of the analytical results by the Contractor.
7. Final Inspection Report (Task 4) – within 7 calendar days of receipt of comments.
8. Draft Trip Report (Task 4) – within 14 calendar days of the inspection start date.
9. Final Trip Report (Task 4) – within 7 calendar days of the inspection start date.

\*Note: All days are calendar days unless otherwise specified.

#### XII. **Special Conditions**

##### **Contractor Personnel Qualifications**

Experienced RCRA inspectors with recent RCRA inspection experience (within previous 3 years) who have met the requirements of EPA Order 3500.1 are required for facilities where the Contractor is conducting the inspection. Each contract inspector must have a good working knowledge of the current applicable federal hazardous waste and used oil regulations. Contract inspectors participating in sampling activities must also have a good working knowledge of sampling techniques and methods. Experienced inspectors help to ensure high quality inspections and reports, and evidentiary levels that will support potential formal enforcement actions without need for further follow-up investigations. Each contract inspector must also have completed the Region VII non-TSCA CBI training. The Contractor shall provide the TOCOR with resumes of all personnel conducting inspections with the proposed Work Plan. At the discretion of the TOCOR, contract inspectors may be interviewed by the TOCOR prior to issuance of Letters of Authorization. Any contract inspector so interviewed by the TOCOR must verbally demonstrate the knowledge and skills required above to the satisfaction of the TOCOR.

All personnel assisting with inspections and work requested under the PWS must be authorized by EPA Region VII for the handling of RCRA CBI and must handle such information in accordance with the EPA Region VII protocol and 40 CFR Part 2.

All contract inspectors who have met these qualifications will be issued Letters of Authorization, which will serve as official identification for the purpose of conducting inspections. These letters are to be kept secure, and are not to leave the possession of the contract inspector. Under no circumstances shall photo copies be made of the Letters of Authorization.

#### Contractor Personnel Availability

Contractor personnel, who conduct inspections or assisted an EPA inspector with conducting inspections, shall be available to answer questions over the telephone (or in a meeting if more efficient and cost effective) from compliance officers, attorneys, EPA inspectors or the TOCOR regarding the inspection or trip reports written by the contractor personnel. Contractor personnel shall also be available to provide depositions and/or testimony if formal enforcement results from an inspection.

#### Correspondence

All correspondence pertaining to inspections conducted under this PWS shall be directed through the TOCOR for this PWS: Mr. Gary R. Witkovski, U.S. EPA Region VII, Neal Smith Federal Building, 210 Walnut Street, Room 473, Des Moines, IA, 50309-2109, (515) 284-4029, [Witkovski.Gary@epa.gov](mailto:Witkovski.Gary@epa.gov).

### XIII. Facilities

The facilities to be inspected are included as Attachment 1. Unless specifically stated, the inspections will be fully conducted by the Contractor (not just assistance to an EPA inspector) and will not include sampling. These inspections will be referred to as Compliance Evaluation Inspections (CEIs). Inspections that include sampling will be referred to as Compliance Sampling Inspections (CSIs). If the inspection is specified in Attachment 1 as a Compliance Assistance Visit (CAV), RCRA Screening Inspection (RSI) or Non-Notifier Identification Inspection (NNII), then the special inspection procedures listed under Task 2 shall be followed.

EP-W-13-001 TASK ORDER 0012 MOD SUMMARY

Mod #	Reason For Modification	Award Date	Obligation	Total Amount
BASE		4/19/2013	\$10,000.00	\$243,971.00
004	Funding Only Action	10/16/2016	(\$33,129.81)	\$0.00
003	Funding Only Action	7/17/2013	\$113,971.00	\$0.00
002	Funding Only Action	6/25/2013	\$64,000.00	\$0.00
001	Funding Only Action	4/25/2013	\$56,000.00	\$0.00
				\$243,971.00

# ORDER FOR SUPPLIES OR SERVICES

PAGE OF PAGES

1 9

IMPORTANT: Mark all packages and papers with contract and/or order numbers.

1. DATE OF ORDER 05/08/2013		2. CONTRACT NO. (If any) EP-W-13-001		6. SHIP TO: a. NAME OF CONSIGNEE Region 10	
3. ORDER NO. 0013		4. REQUISITION/REFERENCE NO. PR-R0-13-00153			
5. ISSUING OFFICE (Address correspondence to) SRRPOD US Environmental Protection Agency Ariel Rios Building 1200 Pennsylvania Avenue, N. W. Mail Code: 3805R Washington DC 20460				b. STREET ADDRESS US Environmental Protection Agency 1200 Sixth Avenue, Suite 900	
				c. CITY Seattle	e. ZIP CODE 98101
7. TO: HEATHER TEED				f. SHIP VIA	
a. NAME OF CONTRACTOR BOOZ ALLEN HAMILTON INC.				8. TYPE OF ORDER	
b. COMPANY NAME				<input type="checkbox"/> a. PURCHASE <input checked="" type="checkbox"/> b. DELIVERY REFERENCE YOUR: _____ Please furnish the following on the terms and conditions specified on both sides of this order and on the attached sheet, if any, including delivery as indicated.	
c. STREET ADDRESS 8283 GREENSBORO DRIVE 7039172337				Except for billing instructions on the reverse, this delivery order is subject to instructions contained on this side only of this form and is issued subject to the terms and conditions of the above-numbered contract.	
d. CITY MCLEAN		e. STATE VA	f. ZIP CODE 221023838		
9. ACCOUNTING AND APPROPRIATION DATA See Schedule				10. REQUISITIONING OFFICE SRRPOD	

11. BUSINESS CLASSIFICATION (Check appropriate box(es))				12. F.O.B. POINT Destination	
<input type="checkbox"/> a. SMALL <input checked="" type="checkbox"/> b. OTHER THAN SMALL <input type="checkbox"/> c. DISADVANTAGED <input type="checkbox"/> d. WOMEN-OWNED <input type="checkbox"/> e. HUBZone <input type="checkbox"/> f. SERVICE-DISABLED VETERAN-OWNED <input type="checkbox"/> g. WOMEN-OWNED SMALL BUSINESS (WOSB) ELIGIBLE UNDER THE WOSB PROGRAM <input type="checkbox"/> h. EDWOSB					
13. PLACE OF		14. GOVERNMENT B/L NO.		15. DELIVER TO F.O.B. POINT ON OR BEFORE (Date)	
a. INSPECTION Destination	b. ACCEPTANCE Destination				

## 17. SCHEDULE (See reverse for Rejections)

ITEM NO. (a)	SUPPLIES OR SERVICES (b)	QUANTITY ORDERED (c)	UNIT (d)	UNIT PRICE (e)	AMOUNT (f)	QUANTITY ACCEPTED (g)
	DUNS Number: 006928857 SF FMC Enforcement Suppot Region 10  This action hereby issues Time & Materials Task Order number 0013. The contractor's Continued ...					

SEE BILLING INSTRUCTIONS ON REVERSE	18. SHIPPING POINT		19. GROSS SHIPPING WEIGHT		20. INVOICE NO.		17(h) TOTAL (Cont. pages)
	21. MAIL INVOICE TO:						
	a. NAME RTP Finance Center						\$50,000.00
	b. STREET ADDRESS (or P.O. Box) US Environmental Protection Agency RTP-Finance Center Mail Drop D143-02 109 TW Alexander Drive						\$137,869.00
c. CITY Durham				d. STATE NC	e. ZIP CODE 27711		17(i) GRAND TOTAL

22. UNITED STATES OF AMERICA BY (Signature)

23. NAME (Typed)  
Evelyn Stanley  
TITLE: CONTRACTING/ORDERING OFFICER

**ORDER FOR SUPPLIES OR SERVICES**  
**SCHEDULE - CONTINUATION**

PAGE NO  
2

IMPORTANT: Mark all packages and papers with contract and/or order numbers.

DATE OF ORDER 05/08/2013	CONTRACT NO. EP-W-13-001	ORDER NO. 0013
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ITEM NO. (a)	SUPPLIES/SERVICES (b)	QUANTITY ORDERED (c)	UNIT (d)	UNIT PRICE (e)	AMOUNT (f)	QUANTITY ACCEPTED (g)
0001	<p>task order proposal submitted April 3, 2013 is hereby approved and incorporated by reference in the amount of \$137,869.00 authorized TO ceiling). This action also incrementally funds this TO in the amount of \$50,000.00 (obligated TO ceiling) which the contractor is not authorized to exceed.</p> <p>Kevin Rochlin is appointed as the Task Order Contracting Officer's Representative (TOCOR). The Invoice Approving Official under this task order is Amberet Green. The work under this task order is non-severable. All other terms and conditions are hereby incorporated by reference from the parent Contract (EP-W-13-001).</p> <p>TOPO: Kevin Rochlin Max Expire Date: 12/31/2013 Admin Office: SRRPOD US Environmental Protection Agency Ariel Rios Building 1200 Pennsylvania Avenue, N. W. Mail Code: 3805R Washington DC 20460</p> <p>Accounting Info: 13--TR2B-10Q0X5X-303DD2-2505-105XBE01-C005-1310QFC019-001 BFY: 13 Fund: TR2B Budget Org: 10Q0X5X Program (PRC): 303DD2 Budget (BOC): 2505 Job #: 105XBE01 Cost: C005 DCN - Line ID: 1310QFC019-001 Period of Performance: 05/08/2013 to 12/31/2013</p> <p>Base Period</p>				50,000.00	

TOTAL CARRIED FORWARD TO 1ST PAGE (ITEM 17(H))

\$50,000.00

**SUPERFUND - FMC Enforcement Support**  
**Contract: REPA-5**

**CONTRACT NUMBER:**  
**CONTRACT NAME: REPA 5**  
**CONTRACTOR NAME:**  
**Date: March 20, 2013**

**I. Title**

**SF - FMC Enforcement Support**

**II. Contract Officer Representatives**

EPA Regional Task Order Contract Officer Representative (RTOCOR)  
Amberet Green, Resource and RCRA State Programs Unit  
1200 – 6<sup>th</sup> Avenue, Suite 900, AWT-122  
Seattle, WA 98101  
[Green.amberet@EPA.gov](mailto:Green.amberet@EPA.gov)  
Work: (206) 553-0784  
Fax: (206) 553-8509

EPA Task Order Contract Officer Representative (TOCOR)  
Kevin Rochlin, Office of Environmental Cleanup  
1200 – 6<sup>th</sup> Avenue, Suite 900, ECL-113  
Seattle, WA 98101  
[Rochlin.kevin@epa.gov](mailto:Rochlin.kevin@epa.gov)  
(206) 553-2106  
Fax: (206) 553-0124

**III. Authorization**

This Performance Work Statement (PWS) is in accordance with Tasks 1, 2, and 3 of the REPA 5 Zone III Contract PWS.

**IV. Period of Performance**

The period of performance for this Task Order (TO) is from TO issuance through December 31, 2013.

**V. Background**

The Eastern Michaud Flats Superfund (EMF) site is located in Southeastern Idaho, 2.5 miles

## **SUPERFUND - FMC Enforcement Support**

### **Contract: REPA-5**

northwest of Pocatello, Idaho. The EMF site includes two adjacent phosphate ore processing plants - the J.R. Simplot Company Don Plant (Simplot), a fertilizer manufacturer, and the FMC Corporation, an elemental phosphorus production plant. Both facilities began operating in the 1940s. Simplot continues to actively manage the Don Plant. Operations at the FMC facility terminated in 2001.

The EMF site was listed on the National Priorities List (NPL) on August 30, 1990 (FR 55, Number 169, 35502). EPA, FMC and Simplot negotiated an Administrative Order on Consent (AOC), under which Simplot and FMC agreed to conduct a RI/FS. The AOC was issued by EPA on May 30, 1991. A ROD was signed in 1998 and included actions for FMC, Simplot and the Off-Plant area.

After closure of the FMC Plant in 2001, it became clear that further investigatory work should be performed, including in the Former Operations Area of the plant. EPA issued an Administrative Order on Consent (2003 AOC) to FMC to perform a supplemental RI/FS (SRI/SFS) for the FMC OU. Since 2001, FMC has completed decommissioning and demolishing the former plant buildings, maintained access control of the property, and has monitored groundwater.

Based on results of the investigations, EPA determined that an amendment to the 1998 ROD would be needed to address additional concerns associated with elemental phosphorus and other contaminants within the FMC OU and in doing so replace the remedy selected in the 1998 ROD. EPA initiated needed remedial actions under an Interim ROD Amendment because of uncertainties regarding the timeframe for groundwater cleanup and the uncertain status of December 2010 Soil Cleanup Standards by the Shoshone-Bannock Tribes as Applicable or Relevant and Appropriate Requirements (ARARs) under CERCLA. The Interim Rod Amendment was issued in September 2012.

## **VI. Objective**

The purpose of this PWS is to obtain contractor assistance to provide support to EPA in preparing enforcement documents for implementing the fmc IRODA, and for conduct oversight of remedial design and remedial actions required at the Eastern Michaud Flats Superfund (EMF) Superfund Site, FMC OU.

## **VII. Assumptions and Constraints**

The Contractor shall provide personnel, services, materials, and supplies necessary to support EPA in the development of enforcement documents for initiating the IRODA. The contractor will

**SUPERFUND - FMC Enforcement Support**  
**Contract: REPA-5**

also provide review and comment on FMC OU RD deliverables and RA deliverables, and conduct field oversight of remedial action.

The Contractor shall be familiar with the Superfund Eastern Michaud Flats Record of Decisions pertaining to both FMC and Simplot, as well as existing documents related to RCRA implementation at the FMC OU. The contractor shall be familiar with the manufacturing processes and hazardous materials manufactured and wastes generated at the FMC and Simplot facilities.

Reviews should include but are not limited to: a fatal flaw analysis of engineering designs, review of the plans and designs for constructability, review of the plans and designs for conformance with current engineering standards and best engineering practices, advise on the ability of the plans and designs to meet the design criteria specified in the SOW, conformance of the deliverables to current EPA guidance and any negotiated AOC's, Consent Decrees, or agreements with EPA, and overall technical adequacy.

When requested by the TOCOR, the Contractor shall provide a verbal estimate of the LOE and time frame required to complete the task.

**VIII. Scope**

**Task 1 Litigation Support**

Contractor will support EPA in preparation of the Scope of Work for RD/RA, providing cost estimates for work to be performed, and providing support during negotiations.

Preparation of Cost Estimates for Financial Assurance. Contractor will review the cost estimate in the RI/FS for accuracy. Contractor will produce a hi/med/low estimate for 10 years, 20 years, and 30 years.

Support in preparation of SOW for enforcement. Contractor will provide review and comment and editing support to EPA for preparation of enforcement documents.

Support in Negotiations. At EPA request, contractor will attend negotiations. Contractor shall assume 5 days of negotiations in Seattle.

**SUPERFUND - FMC Enforcement Support**  
**Contract: REPA-5**

**Task 2 Review of PRP RD/RA Submittals**

This task involves work efforts to review PRP RD/RA submittals. The contractor shall perform a technical review and generate comments in the form of a Technical Memorandum. All final decisions regarding RD/RA submittals by PRPs shall remain the sole responsibility of EPA. The contractor shall consider the following factors during the review of documents:

- Technical requirements of the ROD, Consent Decree (CD) (with SOW), and ARARs.
- Standard professional engineering practices.
- Applicable statutes, EPA policies, directives and regulations.
- Spot checking design calculations to assess accuracy and quality of design activities and conformance with results of field data and treatability studies.
- Examination of planning and construction schedules for meeting project completion goals.
- Examination of the proposed construction schedule for meeting project completion goals.

Typical documents the contractor may be tasked to review include but are not limited to the following:

- Work plans.
- Basis of Design Report.
- Design Criteria Analysis.
- List of RD Submittals.
- Remedial Design Packages (Preliminary, Intermediate, Pre-Final, and Final).
- Site Management Plan for Remedial Construction.
- Remedial Action Work Plan.
- List of Submittals by RA Contractor.
- O&M Plan.
- As Built Drawings.
- PRP Remedial Action Report.

The contractor shall assume 10 major deliverables and 10 minor deliverables during the remainder of the POP.

**SUPERFUND - FMC Enforcement Support**  
**Contract: REPA-5**

**Task 3 Remedial Action Oversight**

This task includes work efforts to provide technical field oversight of PRP activities to ensure construction takes place in accordance with EPA accepted plans and specifications. The oversight activities shall also include observations regarding the manner in which the Quality Assurance and Health & Safety Plans are implemented. The amount of oversight will be dependent upon the type and complexity of the Remedial Action and is at the discretion of the EPA TOPO. The contractor shall maintain a field logbook (including photographs as appropriate) which shall be provided to EPA. The contractor may provide oversight of O&M or Long-term Response Actions performed by PRPs. Any non-conformance with the ROD, CD, Plans, or other project documents shall be reported to the TOPO.

Contractor shall assume that they will perform 4 days of RA oversight at the FMC site. Oversight will be done in 2 periods and also include travel time to Pocatello.

**Task 4 Technical Meeting Support**

This task includes efforts related to attendance at and documentation of technical meetings with EPA, the PRPs, the PRP contractor, and the State Agency. When attending meetings, contractor employees must identify themselves as employees of an EPA contractor. The contractor shall assume that they will attend 6 meetings with PRPs. 3 in Seattle with 2 contractor staff. 3 in Pocatello with 1 contract staff. The contractor shall also assume 10 meetings with EPA where 2 contractor staff will attend.

**Task 5 COMMUNITY RELATIONS**

This task includes work efforts related to community involvement at the site.

**SUPERFUND - FMC Enforcement Support**  
**Contract: REPA-5**

When attending public meetings and open houses, contractor employees must identify themselves as employees of an EPA contractor. Typical activities the contractor may be tasked to perform include but are not limited to:

- Prepare fact sheets.
- Update site mailing list.
- Provide public meeting support.

Contractor shall assume that 2 contractor staff will attend 2 public meetings in Pocatello.

The Contractor shall refer to performance requirements and standards in accordance with Tasks 1 and 2 of the REPA 5 Zone III Contract PWS. In addition, the complexity level for this TO is highly complex in accordance with Tasks 1 and 2 of the REPA 5 Zone III Contract PWS.

**IX. Performance Measures and Quality Assurance**

The Contractor shall propose performance measures related to quality and timeliness of deliverables. The Contractor shall propose the quality assurance systems and methods for periodic measurement, collection and reporting of its performance data.

The Contractor's deliverables will be inspected by the Government for acceptability. Unacceptable deliverables will be returned to the Contractor with comments and directions for necessary corrections or rework, as may be applicable.

**X. Technical Direction**

The TOCOR is authorized to provide technical direction, which clarifies the PWS. Technical direction must be within the scope of the contract and the TO. Technical direction is instruction to the Contractor that approves approaches, solutions, designs, or refinements; fills in details; completes the general description of work or documentation items; shifts emphasis among work areas or tasks; or provides similar guidance. It includes evaluation of Contractor performance and comments on deliverables.

The TOCOR shall issue technical direction in writing or confirm in writing within five (5) calendar days after verbal issuance. The TOCOR shall forward copies of the technical direction to the Contracting Officer (CO) and RTOCOR.

**SUPERFUND - FMC Enforcement Support**  
**Contract: REPA-5**

The CO is the only person authorized to make changes to the TO or contract. Any changes to the TO scope, period of performance or deliverable due dates must be approved by the CO in writing.

**XI. Schedule of Tasks & Deliverables**

The Contractor shall perform/submit the following tasks and deliverables within the time frames established:

**Task Litigation Support**

Schedule as directed by the EPA.

**Task 2 Review OF PRP RD/RA Submittals**

Design and RA documents                      10 days from receipt of materials from EPA

**Task 3              Remedial Action Oversight**

As directed by EPA.

**Task 4              Technical Meeting Support**

As directed by EPA.

**Task 5 Community Relations**

As directed by EPA

Ep-w-13-001 TASK ORDER 0013

Mod #	Reason For Modification	Award Date	Obligation	Total Amount
P00022	Funding Only Action	7/10/2018	\$350,920.00	\$350,920.30
	Supplemental Agreement for work			
P00021	within scope	6/11/2018	\$0.00	\$0.00
P00020	Funding Only Action	12/8/2017	\$0.00	\$0.00
P00019	Funding Only Action	10/31/2017	\$121,071.94	\$0.00
P00018	Funding Only Action	10/30/2017	\$0.00	\$0.00
BASE		5/8/2013	\$50,000.00	\$137,869.00
017	Funding Only Action	3/22/2017	\$20,000.00	\$20,000.00
016	Funding Only Action	3/6/2017	\$0.00	\$0.00
015	Funding Only Action	1/18/2017	\$50,000.00	\$0.00
014	Funding Only Action	9/27/2016	\$210,774.61	\$210,774.61
013	Funding Only Action	3/21/2016	\$289,515.48	\$0.00
012	Funding Only Action	3/17/2016	\$0.00	\$0.00
011	Exercise an Option	1/27/2016	\$50,000.00	\$692,621.86
010	Funding Only Action	1/26/2016	\$76,369.55	\$0.00
009	Funding Only Action	12/14/2015	\$15,000.00	\$0.00
008	Funding Only Action	9/23/2015	\$54,532.00	\$145,901.55
007	Funding Only Action	8/4/2015	\$0.00	\$0.00
006	Funding Only Action	5/1/2015	\$193,716.67	\$0.00
005	Funding Only Action	3/10/2015	\$0.00	\$248,778.37
004	Other Administrative Action	7/14/2014	\$0.00	\$0.00
003	Funding Only Action	2/10/2014	\$200,000.00	\$0.00
002	Funding Only Action	1/17/2014	\$0.00	\$293,220.35
001	Funding Only Action	11/19/2013	\$50,000.00	\$0.00
				<b>\$2,100,086.04</b>

# ORDER FOR SUPPLIES OR SERVICES

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IMPORTANT: Mark all packages and papers with contract and/or order numbers.

1. DATE OF ORDER 05/22/2013		2. CONTRACT NO. (If any) EP-W-13-001		6. SHIP TO: a. NAME OF CONSIGNEE Region 9	
3. ORDER NO. 0014		4. REQUISITION/REFERENCE NO. PR-R9-13-00294			
5. ISSUING OFFICE (Address correspondence to) SRRPOD US Environmental Protection Agency Ariel Rios Building 1200 Pennsylvania Avenue, N. W. Mail Code: 3805R Washington DC 20460				b. STREET ADDRESS US Environmental Protection Agency 75 Hawthorne Street	
				c. CITY San Francisco	e. ZIP CODE 94105
7. TO: HEATHER TEED				f. SHIP VIA	
a. NAME OF CONTRACTOR BOOZ ALLEN HAMILTON INC.				8. TYPE OF ORDER	
b. COMPANY NAME				<input type="checkbox"/> a. PURCHASE <input checked="" type="checkbox"/> b. DELIVERY REFERENCE YOUR: _____ Please furnish the following on the terms and conditions specified on both sides of this order and on the attached sheet, if any, including delivery as indicated.	
c. STREET ADDRESS 8283 GREENSBORO DRIVE 7039172337				Except for billing instructions on the reverse, this delivery order is subject to instructions contained on this side only of this form and is issued subject to the terms and conditions of the above-numbered contract.	
d. CITY MCLEAN		e. STATE VA	f. ZIP CODE 221023838		
9. ACCOUNTING AND APPROPRIATION DATA See Schedule				10. REQUISITIONING OFFICE SRRPOD	

11. BUSINESS CLASSIFICATION (Check appropriate box(es)) <input type="checkbox"/> a. SMALL <input checked="" type="checkbox"/> b. OTHER THAN SMALL <input type="checkbox"/> c. DISADVANTAGED <input type="checkbox"/> d. WOMEN-OWNED <input type="checkbox"/> e. HUBZone <input type="checkbox"/> f. SERVICE-DISABLED VETERAN-OWNED <input type="checkbox"/> g. WOMEN-OWNED SMALL BUSINESS (WOSB) ELIGIBLE UNDER THE WOSB PROGRAM <input type="checkbox"/> h. EDWOSB				12. F.O.B. POINT Destination	
13. PLACE OF a. INSPECTION Destination		b. ACCEPTANCE Destination		14. GOVERNMENT B/L NO.	
				15. DELIVER TO F.O.B. POINT ON OR BEFORE (Date)	
				16. DISCOUNT TERMS	

## 17. SCHEDULE (See reverse for Rejections)

ITEM NO. (a)	SUPPLIES OR SERVICES (b)	QUANTITY ORDERED (c)	UNIT (d)	UNIT PRICE (e)	AMOUNT (f)	QUANTITY ACCEPTED (g)
	DUNS Number: 006928857 Greener Cleanups Project Region 9  This action hereby issues Time & Materials Task Order number 0014. The contractor's Continued ...					

SEE BILLING INSTRUCTIONS ON REVERSE	18. SHIPPING POINT		19. GROSS SHIPPING WEIGHT		20. INVOICE NO.		17(h) TOTAL (Cont. pages)
	21. MAIL INVOICE TO:						
	a. NAME RTP Finance Center						\$15,250.00
	b. STREET ADDRESS (or P.O. Box) US Environmental Protection Agency RTP-Finance Center Mail Drop D143-02 109 TW Alexander Drive						\$22,881.00
c. CITY Durham				d. STATE NC	e. ZIP CODE 27711		17(i) GRAND TOTAL

22. UNITED STATES OF AMERICA BY (Signature)

23. NAME (Typed)  
Evelyn Stanley  
TITLE: CONTRACTING/ORDERING OFFICER

**ORDER FOR SUPPLIES OR SERVICES**  
**SCHEDULE - CONTINUATION**

PAGE NO  
2

IMPORTANT: Mark all packages and papers with contract and/or order numbers.

DATE OF ORDER 05/22/2013	CONTRACT NO. EP-W-13-001	ORDER NO. 0014
-----------------------------	-----------------------------	-------------------

ITEM NO. (a)	SUPPLIES/SERVICES (b)	QUANTITY ORDERED (c)	UNIT (d)	UNIT PRICE (e)	AMOUNT (f)	QUANTITY ACCEPTED (g)
0001	<p>task order proposal submitted May 13, 2013 is hereby approved and incorporated by reference in the amount of \$22,881.00 (authorized TO ceiling). This action also incrementally funds this TO in the amount of \$15,250.00 (obligated TO ceiling) which the contractor is not authorized to exceed.</p> <p>Mitch Kaplan is appointed as the Task Order Contracting Officer's Representative (TOCOR). The Invoice Approving Official under this task order is Jinky Callado. The work under this task order is non-severable. All other terms and conditions are hereby incorporated by reference from the parent Contract (EP-W-13-001).</p> <p>TOPO: Mitch Kaplan Max Expire Date: 12/31/2013 Admin Office: SRRPOD US Environmental Protection Agency Ariel Rios Building 1200 Pennsylvania Avenue, N. W. Mail Code: 3805R Washington DC 20460</p> <p>Accounting Info: 12-13-B-09J4L-302DA1-2505---1309JR3513-001 BFY: 12 EFY: 13 Fund: B Budget Org: 09J4L Program (PRC): 302DA1 Budget (BOC): 2505 DCN - Line ID: 1309JR3513-001 Period of Performance: 05/22/2013 to 12/31/2013</p> <p>Base Period</p>				15,250.00	

TOTAL CARRIED FORWARD TO 1ST PAGE (ITEM 17(H))

\$15,250.00

PERFORMANCE WORK STATEMENT

**I. Title:** Greener Cleanups Project  
Reducing the Environmental Footprints of Cleanup Sites RCRA  
and TSCA Programs – EPA Region 9

**II. EPA Contract Officer Representative:**

Jinky Callado (WST-2)  
USEPA Region 9  
75 Hawthorne Street  
San Francisco, CA 94105  
415-972-3229

**III. (a) Task Order Contract Officer Representative:**

Mitch Kaplan (WST-5)  
USEPA Region 9  
75 Hawthorne Street  
San Francisco, CA 94105  
415-972-3359

**(b) Technical Contact:**

Karen Scheuermann (WST-4)  
USEPA Region 9  
75 Hawthorne Street  
San Francisco, CA 94105  
415-972-3356

**IV. Authorization:**

This Performance Work Statement (PWS) is in accordance with the REPA V Contract.

**V. EPA Programmatic Goals**

This project addresses EPA's Programmatic Goals of Preserving Land and Restoring Land.

## **VI. General Description of this Project**

This project will apply the principles of Greener Cleanups to three RCRA or TSCA remediation sites. Greener Cleanups refers to an approach to site remediation in which site owners and regulatory agencies (including EPA) seek to reduce the environmental footprint resulting from cleanup activities. This project will use EPA's Footprinting Methodology and Worksheets to conduct environmental footprint analyses at the sites, and will recommend improvements at the sites to reduce the footprints.

An environmental footprint analysis is a process that quantifies certain metrics (such as energy used, water used, waste generated, particulate emissions and greenhouse gas emissions) associated with an activity or project. For remediation sites, EPA has defined the environmental footprint in terms of five core elements; energy, air and atmosphere, water, materials and waste and land and ecosystems. EPA's Footprinting Methodology establishes a set of metrics to be quantified in a footprint analysis, and a process for the quantification.

An example of reducing the footprint of a cleanup would be installing filters on excavation equipment used for removal of contaminated soil, in order to reduce emissions from the equipment. As another example, for a groundwater treatment system requiring electricity, solar panels may be installed on-site to provide renewable electricity, rather than using grid electricity based on fossil fuels. In all cases, footprint reductions would be designed such that the protectiveness of the remedy is not compromised.

This Greener Cleanups project supports the goals of the RCRA and TSCA cleanup programs. Often, applying principles of Greener Cleanups at RCRA and TSCA cleanup sites is similar to applying good engineering practices, and may reduce the cost of site remediation. Also, Greener Cleanup efforts may be advantageous to the nearby community, for example, by reducing emissions such as particulates or conserving local resources such as water. The Greener Cleanups approach also supports the broader goals of the RCRA program and EPA, often leading to reduction of wastes generated and promoting reuse of materials and conservation of natural resources, and typically reducing greenhouse gas emissions.

Qualifications for completing this Project include:

- Familiarity with concepts of Greener Cleanups.
- Familiarity with EPA's Footprinting Methodology, and ability to apply the Methodology to a cleanup site.
- Familiarity with EPA's Footprinting Worksheets, and ability to apply the Worksheets to a cleanup site.

*Note: EPA's Footprinting Methodology and Footprinting Worksheets (known as Spreadsheets for Environmental Footprint Analysis or "SEFA") are publicly available. EPA*

*has developed the Methodology and SEFA in order to encourage consistent approaches and metrics for footprint analyses at remediation sites. See “Resources” below for access to the materials noted.*

**VII. Specific Tasks:**

**➔ TASK 6.1: Conduct environmental footprint analyses at 3 clean-up sites**

- Apply the principles and process described in EPA’s Footprinting Methodology.
- Use EPA’s Footprinting Worksheets (SEFA) for calculation of footprint metrics.
- Review remedy documentation at each site, such as CMS or engineering designs.
  - Site documentation will be provided by EPA staff.
- Consult with EPA technical staff to establish the scope and structure of the footprint analysis at each site.
- Conduct footprint analysis to establish baseline footprint of each site.
  - It is expected that one site would be addressed at a time in this project (rather than all three sites simultaneously), so that the approach developed at the first site can be applied to subsequent sites.

*Note: EPA Region 9 will choose the RCRA and/or TSCA sites to be included in this project. Candidate sites include Tronox (Henderson, NV), Facebook (Menlo Park, CA), Romic (East Palo Alto, CA), PG&E Topock (Topock, CA), and Romic Southwest (Gila River Indian Reservation in AZ). Selection of the sites will depend on the availability of information on the remedy, and the status of the regulatory process at the sites.*

**DELIVERABLE: A report of results of the footprint analysis**

- Results of the footprint analysis will be presented in a separate report for each site, along with technical documentation.
- Results will be reported in a narrative document that (1) describes the scope and methodology used in the analysis, (2) describes key assumptions and sensitivity analyses, if applicable, (3) presents numerical results and provides tabular and graphical representations the results, as needed, and (4) interprets the results. See “Resources” below for examples of reports from other footprint analyses.

- Technical documentation of the footprint analysis at each site will include electronic versions of the SEFA worksheets, in addition to supporting information in electronic files. Supporting information will include at a minimum: engineering calculations and assumptions used in preparing inputs to SEFA, steps taken for screening inputs, and references. We envision that the format for documenting and reporting results that is developed in this project would be used as a template for future footprint analyses in Region 9.

➔ **TASK 6.2: Identify opportunities for footprint reductions at each site**

- Identify best management practices or remedy optimizations that would reduce the footprint in as many of the five core elements as possible (energy, air & atmosphere, water, materials & waste, and land & ecosystems).
  - Verify that the actions taken for footprint reduction would not compromise the protectiveness of the remedy.
  - Identify any trade-offs, in which reduction of the footprint in one core element may increase the footprint in another core element.
  - Provide an estimate of the magnitude of footprint reductions (or footprint increases, if a trade-off is involved), that would result from the actions taken.
- Provide a summary of the feasibility of achieving the footprint reductions, including logistical or regulatory challenges.
- Provide a cost estimate for each footprint reduction opportunity.

**DELIVERABLE: A report identifying opportunities for footprint reductions**

- Recommendations for footprint reductions will be presented separately for each site, along of the projected magnitude of reductions, a discussion of the feasibility, and a cost estimate.

*Note: It is possible that at one of the sites chosen for this project, the remedy will have already been completed before the footprint analysis is conducted. In this case, Tasks 6.2 and 6.3 would not be applied to that site.*

➔ **TASK 6.3: Quantify footprint reductions achieved at each site**

- Once actions have been taken to implement the footprint reductions at each site, update the footprint analysis to quantify the footprint reductions achieved, as compared with the original baseline footprint estimated in Task 6.1.
  - Document the actions taken, and describe any differences from actions recommended.
  - Document footprint reductions, and describe any differences from expected reductions.

*Note: Decisions on whether to implement recommended footprint reductions will be made by EPA or the site owner. Depending on the time scale for implementing footprint reductions, the quantification of the reductions achieved may not be included in this project.*

**DELIVERABLE: A report on the footprint reductions achieved**

- Results for the footprint reductions achieved will be reported separately for each site, along with technical documentation.
- Reporting and documentation will follow the same format as used for the original baseline footprint (Task 6.1).

**→ TASK 6.4: Develop a system for compiling and managing the results of multiple footprint analyses in the Region 9 RCRA/TSCA programs**

- The “system” would likely be in database/spreadsheet format and would be developed as a prototype on a trial basis.
- It would accommodate basic site identification information, along with basic footprinting metrics.
- It would be populated with the baseline results from the three sites in Task 6.1, in addition to any projected footprint reductions identified for the sites in Task 6.2. It would also be populated with any information available from Task 6.3 regarding footprint reductions achieved.
- It would allow for easy access by EPA staff for ongoing updates.

*Note: Population of the “system” would begin with the three sites in this project. Site Information would be added by EPA staff in future years as footprint analyses are conducted on additional RCRA/TSCA sites.*

**DELIVERABLE: A system for compiling metrics for multiple RCRA/TSCA sites**

- The “system” will be provided in electronic format, and populated with information on the three sites, as described in Task 6.4.
- The system will be accompanied by a report describing the structure and functioning of the system, and instructions for entering data into the system.

**VIII. Timeline:**

The anticipated timeline for this Project is noted in the table below. Unless otherwise noted, completion timelines are in months following the awarding of the contract.

Task	Activity	Completion Timeline	Work Product
6.1	Conduct environmental footprint analysis at 1 <sup>st</sup> clean-up site	3 months	→ Report on baseline footprint
6.2	Identify opportunities for footprint reductions at 1 <sup>st</sup> clean-up site	4 months	→ Recommendations for footprint reductions
6.1 & 6.2	Conduct environmental footprint analyses and identify opportunities for footprint reductions at 2 <sup>nd</sup> and 3 <sup>rd</sup> clean-up sites	6 months	→ Report on baseline footprint → Recommendations for footprint reductions
6.3	If footprint reductions are attempted, quantify any reductions achieved	<i>Within 1 month of implementation of footprint reductions</i>	→ Report on footprint reductions achieved
6.4	Develop system for compiling and managing the results of the footprint analyses	6 months	→ Electronic system with documentation and instructions on use

**IX. Additional information**

**Logistical Notes**

- ➔ Contractor will work with Region 9 technical support staff familiar with footprint analyses, not EPA COR.

- ➔ Frequent interaction with technical support staff is expected for footprint analysis at 1<sup>st</sup> site, to establish scope and level of detail required. Less frequent interaction would be expected for footprint analyses at 2<sup>nd</sup> and 3<sup>rd</sup> sites.
- ➔ Footprint analyses at clean-up sites are relatively new at EPA. The process and results of this project may be used as examples nationally within and outside EPA.

### **Technical Notes**

- ➔ Familiarity with Excel is required. The Footprinting Worksheets (SEFA) are Excel-based.
- ➔ Familiarity with Life Cycle Assessment (LCA) concepts is recommended. Footprint analyses are not LCAs, but they follow some of the principles of LCAs.
- ➔ Familiarity with engineering and technical aspects of clean-up remedies in general is important. Many of the inputs to the footprint analyses will be estimates based on engineering judgment.

### **Resources**

The following resources regarding Greener Cleanups are available on-line:

- ➔ General information on Greener Cleanups (also known as Green Remediation): [www.clu-in.org/greenremediation/](http://www.clu-in.org/greenremediation/)
- ➔ Fact Sheet for EPA's Footprinting Methodology: [www.clu-in.org/greenremediation/methodology/docs/GR\\_Overview\\_of\\_Footprint\\_Methodology\\_FS\\_3-29-12.pdf](http://www.clu-in.org/greenremediation/methodology/docs/GR_Overview_of_Footprint_Methodology_FS_3-29-12.pdf)
- ➔ EPA's April 2012 Webinar on the Footprinting Methodology: [www.clu-in.org/live/archive/#042012](http://www.clu-in.org/live/archive/#042012) (search for "Greener Cleanups - EPA's Methodology for Understanding and Reducing a Project's Environmental Footprint", 18 April 2012)
- ➔ EPA's Footprinting Methodology (full title: "Methodology for Understanding and Reducing a Project's Environmental Footprint", February 2012, EPA 542-R-12-002): [www.clu-in.org/greenremediation/methodology](http://www.clu-in.org/greenremediation/methodology)
- ➔ The SEFA workbooks in template form (full name: "Spreadsheets for Environmental Footprint Analysis"): [www.clu-in.org/greenremediation/methodology](http://www.clu-in.org/greenremediation/methodology) (scroll to bottom of web page)

- ➔ SEFA Tutorial: [www.clu-in.org/greenremediation/methodology](http://www.clu-in.org/greenremediation/methodology) (scroll to bottom of web page)
- ➔ Examples of footprint analyses at pilot sites are posted at [www.clu-in.org/greenremediation/subtab\\_b3.cfm](http://www.clu-in.org/greenremediation/subtab_b3.cfm)
- ➔ Fact sheets for Green Remediation Best Management Practices, EPA's Green Remediation Primer, site case studies and profiles, and EPA policy documents on Greener Cleanups can also be found at [www.clu-in.org/greenremediation/](http://www.clu-in.org/greenremediation/)

EPA-W-13-001 TASK ORDER 0014 MOD SUMMARY

Mod #	Reason For Modification	Award Date	Obligation	Total Amount
BASE		5/22/2013	\$15,250.00	\$22,881.00
004	Funding Only Action	5/30/2014	\$0.00	\$9,149.19
003	Other Administrative Action	3/26/2014	\$0.00	\$0.00
002	Other Administrative Action	2/27/2014	\$0.00	\$0.00
001	Funding Only Action	12/13/2013	\$7,631.00	\$0.00
				<b>\$32,030.19</b>

# ORDER FOR SUPPLIES OR SERVICES

PAGE OF PAGES

1 6

IMPORTANT: Mark all packages and papers with contract and/or order numbers.

1. DATE OF ORDER 05/30/2013		2. CONTRACT NO. (If any) EP-W-13-001		6. SHIP TO: a. NAME OF CONSIGNEE R7	
3. ORDER NO. 0015		4. REQUISITION/REFERENCE NO. PR-R7-13-00241			
5. ISSUING OFFICE (Address correspondence to) SRRPOD US Environmental Protection Agency Ariel Rios Building 1200 Pennsylvania Avenue, N. W. Mail Code: 3805R Washington DC 20460				b. STREET ADDRESS 11201 Renner Blvd.	
				c. CITY Lenexa	e. ZIP CODE 66219
7. TO: HEATHER TEED				f. SHIP VIA	
a. NAME OF CONTRACTOR BOOZ ALLEN HAMILTON INC.				8. TYPE OF ORDER	
b. COMPANY NAME				<input type="checkbox"/> a. PURCHASE <input checked="" type="checkbox"/> b. DELIVERY REFERENCE YOUR: _____ Please furnish the following on the terms and conditions specified on both sides of this order and on the attached sheet, if any, including delivery as indicated.	
c. STREET ADDRESS 8283 GREENSBORO DRIVE 7039172337				Except for billing instructions on the reverse, this delivery order is subject to instructions contained on this side only of this form and is issued subject to the terms and conditions of the above-numbered contract.	
d. CITY MCLEAN		e. STATE VA	f. ZIP CODE 221023838		
9. ACCOUNTING AND APPROPRIATION DATA See Schedule				10. REQUISITIONING OFFICE SRRPOD	

11. BUSINESS CLASSIFICATION (Check appropriate box(es)) <input type="checkbox"/> a. SMALL <input checked="" type="checkbox"/> b. OTHER THAN SMALL <input type="checkbox"/> c. DISADVANTAGED <input type="checkbox"/> d. WOMEN-OWNED <input type="checkbox"/> e. HUBZone <input type="checkbox"/> f. SERVICE-DISABLED VETERAN-OWNED <input type="checkbox"/> g. WOMEN-OWNED SMALL BUSINESS (WOSB) ELIGIBLE UNDER THE WOSB PROGRAM <input type="checkbox"/> h. EDWOSB				12. F.O.B. POINT Destination	
13. PLACE OF a. INSPECTION Destination		b. ACCEPTANCE Destination		14. GOVERNMENT B/L NO.	
				15. DELIVER TO F.O.B. POINT ON OR BEFORE (Date)	
				16. DISCOUNT TERMS	

## 17. SCHEDULE (See reverse for Rejections)

ITEM NO. (a)	SUPPLIES OR SERVICES (b)	QUANTITY ORDERED (c)	UNIT (d)	UNIT PRICE (e)	AMOUNT (f)	QUANTITY ACCEPTED (g)
	DUNS Number: 006928857 RCRA Permitting at IOWA facilities Region 7  This action hereby issues Time & Materials Task Order number 0015. The contractor's Continued ...					
SEE BILLING INSTRUCTIONS ON REVERSE	18. SHIPPING POINT		19. GROSS SHIPPING WEIGHT		20. INVOICE NO.	
	21. MAIL INVOICE TO:					\$2,556.00
	a. NAME RTP Finance Center					
	b. STREET ADDRESS (or P.O. Box) US Environmental Protection Agency RTP-Finance Center Mail Drop D143-02 109 TW Alexander Drive					\$2,556.00
c. CITY Durham			d. STATE NC	e. ZIP CODE 27711		

17(h)  
TOTAL  
(Cont.  
pages)

17(i)  
GRAND  
TOTAL

22. UNITED STATES OF AMERICA BY (Signature)

23. NAME (Typed)  
Evelyn Stanley  
TITLE: CONTRACTING/ORDERING OFFICER

**ORDER FOR SUPPLIES OR SERVICES**  
**SCHEDULE - CONTINUATION**

PAGE NO  
2

IMPORTANT: Mark all packages and papers with contract and/or order numbers.

DATE OF ORDER 05/30/2013	CONTRACT NO. EP-W-13-001	ORDER NO. 0015
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ITEM NO. (a)	SUPPLIES/SERVICES (b)	QUANTITY ORDERED (c)	UNIT (d)	UNIT PRICE (e)	AMOUNT (f)	QUANTITY ACCEPTED (g)
0001	<p>task order proposal submitted May 15, 2013 is hereby approved and incorporated by reference in the amount of \$2,556.00 (authorized TO ceiling). This action also fully funds this TO in the amount of \$2,556.00 (obligated TO ceiling) which the contractor is not authorized to exceed.</p> <p>Patricia Murrow is appointed as the Task Order Contracting Officer's Representative (TOCOR). The Invoice Approving Official under this task order is Aaron Zimmerman. The work under this task order is severable. All other terms and conditions are hereby incorporated by reference from the parent Contract (EP-W-13-001).</p> <p>TOPO: Patricia Murrow Max Expire Date: 12/31/2013 Admin Office: SRRPOD US Environmental Protection Agency Ariel Rios Building 1200 Pennsylvania Avenue, N. W. Mail Code: 3805R Washington DC 20460 Period of Performance: 05/30/2013 to 12/31/2013</p> <p>Base Period</p> <p>Accounting Info: 13--E1-07L1-303D11-2505---1307L93005-0 01 BFY: 13 Fund: E1 Budget Org: 07L1 Program (PRC): 303D11 Budget (BOC): 2505 DCN - Line ID: 1307L93005-001 Funding Flag: Complete Funded: \$2,556.00</p>				2,556.00	

TOTAL CARRIED FORWARD TO 1ST PAGE (ITEM 17(H))

\$2,556.00

CONTRACT NUMBER:  
CONTRACT NAME: REPA 5  
CONTRACTOR NAME:  
REGIONAL TASK ORDER NUMBER:  
April 25, 2013

I. **Title**

**RCRA Permitting at Iowa Facilities: Permit Modification Tables**

II. **Contract Officer Representatives**

**EPA Regional Task Order Contract Officer Representative (RTOCOR)**

Aaron Zimmerman (AWMD/IO)  
US EPA Region 7  
11201 Renner Boulevard  
Lenexa, KS 66219  
[zimmerman.aaron@epa.gov](mailto:zimmerman.aaron@epa.gov)  
Work: (913) 551-7333

**EPA Task Order Contract Officer Representative (TOCOR)**

Patricia Murrow (AWMD/WRAP)  
U.S. EPA  
US EPA Region 7  
11201 Renner Boulevard  
Lenexa, KS 66219  
[murrow.patricia@epa.gov](mailto:murrow.patricia@epa.gov)  
Work : (913) 551-7627

III. **Authorization**

This Performance Work Statement (PWS) is in accordance with Task 1.1 (Technical Reviews), of the REPA 5 Contract SOW.

IV. **Period of Performance**

The period of performance for this Task Order (TO) is from the date of Contracting Officer issuance through December 31, 2013.

V. **Background**

In accordance with 40 CFR 270.42(i), the EPA Director must maintain a list of all approved permit modifications and must publish a notice once a year in a State-wide newspaper that an updated list is available for review.

VI. **Objective/Purpose**

A table of the permit modifications shall be prepared for each of the twelve (12) Iowa permitted facilities. The format for the table will be provided to the contractor by the TOCOR.

VII. **Assumptions and Constraints**

The contractor shall provide staff that meets all the educational and professional experience specified under this TO. The work is considered to be less complex.

VIII. **Scope**

Tasks:

1. Upon written technical direction by the EPA TOCOR, the contractor will review the EPA RCRA facility files, including the file index sheets, for the following twelve (12) Iowa permitted facilities:

Iowa Army Ammunition Plant, Middletown, Iowa (IA7213820445)  
AET Deactivation Facility (IAR000005876)  
Equistar, Clinton, Iowa (IAD045372836)  
Monsanto, Muscatine, Iowa (IAD005273594)  
Safety-Kleen, Davenport, Iowa (IAD098027592)  
Safety-Kleen, Des Moines, Iowa (IAD981718000)  
John Deere Waterloo Works, Waterloo, Iowa (IAD005289806)  
University of Iowa - Oakdale, Iowa (IAT200010924)  
Iowa State University, Ames, Iowa (IAT200010601)  
DuPont, Ft. Madison, Iowa (IAD005272398)  
Keokuk Ferro-Sil (IAD041391772)  
Black Hawk County Landfill (IAD075848085)

The contractor shall initiate each facility file review with file documents dated January 1, 2010 to December 31, 2012 only. The EPA TOCOR will provide the facility file index sheets to the contractor at the time that the technical directive is submitted for this work.

2. Based on information contained in the applicable documents in the RCRA facility files, the contractor will complete the attached table for each of the twelve (12) Iowa permitted facilities and submit the completed table to the EPA TOCOR. One table shall be completed for each of the twelve (12) RCRA Permitted facilities and submitted as a hard copy and as an electronic copy in Word.

Iowa RCRA Permit Modifications  
January 1, 2010 through December 31, 2012

Facility Name RCRA ID Number Address	Modification Class (I, II, or III)	Brief Description of Modification	Date of Permit Modification Request	Date EPA Approved and/or Acknowledged Permit Modification

3. Upon receipt of the EPA TOCOR's comments on the permit modification tables, the contractor shall revise the information in the applicable table to address EPA's comments and resubmit the completed tables to the EPA TOCOR. Revised tables shall be submitted as a hard copy and as an electronic copy in Word. For cost estimating purposes, the contractor should assume that six (6) permitted facilities' permit modification tables will be revised based on EPA's comments.

#### **IX. Performance Measures and Quality Assurance**

The contractor shall provide field audit/oversight and inspection support in accordance with applicable laws, regulations, policies, guidance, and direction provided in the individual task orders. This support shall be tailored to the needs of, and be consistent with, the policies and guidance of the specific office being supported. This support shall meet or exceed professional industry standards.

The contractor shall be adequately prepared before going into the field, including but not limited to: appropriate field staff with required training and knowledge, appropriate field equipment (personal protective gear, surveillance equipment, etc.), familiarity with site conditions, and requirements of applicable plans and settlement documents. The contractor shall use detailed logbooks and photographs to support observations and activities in the field.

The contractor shall coordinate and integrate all activity needed to provide the required support (e.g., problem identification/resolution strategy; responses to inquiries, and/or technical, service, administrative issues, etc.) in a timely, complete and effective manner. The contractor shall use QA monitoring tools to ensure technical support and deliverables meet contract and task order requirements.

Deliverables should be of sufficient quality to document any violations or deviations in the field. Deliverables or technical support shall demonstrate that relevant information and documentation was considered when developing field audit, oversight or inspection reports. Deliverables shall include the rationale behind any findings, conclusions or recommendations.

Deliverables shall meet the schedule and cost presented in the task order. Written deliverables shall reflect a good command of the English language, be well-organized, and free of grammatical errors, misspellings and incomplete sentences. As required, written deliverables shall also have high-quality professional graphics. Preparation and printing of materials shall be in accordance with GPO guidelines.

The contractor shall utilize staff with the appropriate level of education and work experience to meet the task order requirements. Specialized and/or expert staff must meet the minimum requirements as identified in the individual task orders. Contractor staff shall demonstrate a high level of professionalism.

The contractor shall propose performance measures related to quality and timeliness of deliverables. The contractor shall propose the quality assurance systems and methods for periodic measurement, collection and reporting of its performance data.

#### **X. Technical Direction**

The TOCOR is authorized to provide technical direction, which clarifies the PWS. Technical direction must be within the scope of the contract and the TO. Technical direction is instruction to the contractor that approves approaches, solutions, designs, or refinements; fills in details; completes the general description of work or documentation items; shifts emphasis among work areas or tasks; or provides similar guidance. It includes evaluation of contractor performance and comments on deliverables.

The TOCOR shall issue technical direction in writing or confirm in writing within five (5) calendar days after verbal issuance. The TOCOR shall forward copies of the technical direction to the Contracting Officer (CO) and RTOCOR.

The CO is the only person authorized to make changes to the TO or contract. Any changes to the TO scope, period of performance or deliverable due dates must be approved by the CO in writing.

XI. **Schedule of Deliverables**

<u>Task Number</u>	<u>Output/Product</u>	<u>Due Date*</u>
2	The Contractor shall deliver to the TOCOR the Permit Modifications table for each of the specified twelve (12) Iowa permitted facilities	Within thirty (30) days following the receipt of the EPA COR's technical direction.
3	The Contractor shall deliver to the TOCOR the revised Permit Modifications table for six (6) of the specified Iowa permitted facilities	Within ten days (10) days following receipt of the EPA TOCOR's comments.

\*Note: All days are calendar days unless otherwise specified.

<b>AMENDMENT OF SOLICITATION/MODIFICATION OF CONTRACT</b>		1. CONTRACT ID CODE		PAGE OF PAGES 1 2	
2. AMENDMENT/MODIFICATION NO. 001		3. EFFECTIVE DATE See Block 16C		4. REQUISITION/PURCHASE REQ. NO.	
5. PROJECT NO. (If applicable)		6. ISSUED BY SRRPOD		7. ADMINISTERED BY (If other than Item 6)	
CODE		CODE			
SRRPOD US Environmental Protection Agency Ariel Rios Building 1200 Pennsylvania Avenue, N. W. Mail Code: 3805R Washington DC 20460					
8. NAME AND ADDRESS OF CONTRACTOR (No., street, county, State and ZIP Code)		(x)		9A. AMENDMENT OF SOLICITATION NO.	
BOOZ ALLEN HAMILTON INC. Attn: HEATHER TEED 8283 GREENSBORO DRIVE 7039172337 MCLEAN VA 221023838				9B. DATED (SEE ITEM 11)	
		x		10A. MODIFICATION OF CONTRACT/ORDER NO. EP-W-13-001 0015	
				10B. DATED (SEE ITEM 13) 05/30/2013	
CODE 006928857		FACILITY CODE			

☐ The above numbered solicitation is amended as set forth in Item 14. The hour and date specified for receipt of Offers ☐ is extended. ☐ is not extended. Offers must acknowledge receipt of this amendment prior to the hour and date specified in the solicitation or as amended, by one of the following methods: (a) By completing Items 8 and 15, and returning \_\_\_\_\_ copies of the amendment; (b) By acknowledging receipt of this amendment on each copy of the offer submitted; or (c) By separate letter or telegram which includes a reference to the solicitation and amendment numbers. FAILURE OF YOUR ACKNOWLEDGEMENT TO BE RECEIVED AT THE PLACE DESIGNATED FOR THE RECEIPT OF OFFERS PRIOR TO THE HOUR AND DATE SPECIFIED MAY RESULT IN REJECTION OF YOUR OFFER. If by virtue of this amendment you desire to change an offer already submitted, such change may be made by telegram or letter, provided each telegram or letter makes reference to the solicitation and this amendment, and is received prior to the opening hour and date specified.

12. ACCOUNTING AND APPROPRIATION DATA (If required)

Net Decrease:

-\$857.45

See Schedule

13. THIS ITEM ONLY APPLIES TO MODIFICATION OF CONTRACTS/ORDERS. IT MODIFIES THE CONTRACT/ORDER NO. AS DESCRIBED IN ITEM 14.

CHECK ONE	A. THIS CHANGE ORDER IS ISSUED PURSUANT TO: <i>(Specify authority)</i> THE CHANGES SET FORTH IN ITEM 14 ARE MADE IN THE CONTRACT ORDER NO. IN ITEM 10A.
	B. THE ABOVE NUMBERED CONTRACT/ORDER IS MODIFIED TO REFLECT THE ADMINISTRATIVE CHANGES <i>(such as changes in paying office, appropriation date, etc.)</i> SET FORTH IN ITEM 14, PURSUANT TO THE AUTHORITY OF FAR 43.103(b).
	C. THIS SUPPLEMENTAL AGREEMENT IS ENTERED INTO PURSUANT TO AUTHORITY OF:
X	D. OTHER <i>(Specify type of modification and authority)</i> Clause B.8 LIMITATION OF GOVERNMENTS OBLIGATIONS UNDER TASK ORDERS

**E. IMPORTANT:** Contractor ☒ is not. ☐ is required to sign this document and return \_\_\_\_\_ copies to the issuing office.

14. DESCRIPTION OF AMENDMENT/MODIFICATION (Organized by UCF section headings, including solicitation/contract subject matter where feasible.)

DUNS Number: 006928857

TOCOR: Patricia Murrow Max Expire Date: 12/31/2013

The purpose of this modification is deobligate funding in the amount of \$857.45 from the task order Base Period (Period 0) as shown below:

LIST OF CHANGES:

Reason for Modification : Funding Only Action

Total Amount for this Modification: -\$857.45

New Total Amount for this Version: \$1,698.55

New Total Amount for this Award: \$1,698.55

Continued ...

Except as provided herein, all terms and conditions of the document referenced in Item 9 A or 10A, as heretofore changed, remains unchanged and in full force and effect.

15A. NAME AND TITLE OF SIGNER (Type or print)		16A. NAME AND TITLE OF CONTRACTING OFFICER (Type or print)	
		Susan Neiheisel	
15B. CONTRACTOR/OFFEROR	15C. DATE SIGNED	16B. UNITED STATES OF AMERICA ELECTRONIC SIGNATURE	16C. DATE SIGNED
(Signature of person authorized to sign)		(Signature of Contracting Officer)	09/21/2016

## CONTINUATION SHEET

REFERENCE NO. OF DOCUMENT BEING CONTINUED  
EP-W-13-001/0015/001PAGE OF  
2 2NAME OF OFFEROR OR CONTRACTOR  
BOOZ ALLEN HAMILTON INC.

ITEM NO. (A)	SUPPLIES/SERVICES (B)	QUANTITY (C)	UNIT (D)	UNIT PRICE (E)	AMOUNT (F)
	<p>Obligated Amount for this Modification: -\$857.45 New Total Obligated Amount for this Award: \$1,698.55 Incremental Funded Amount changed: from \$2,556.00 to \$1,698.55</p> <p>CHANGES FOR LINE ITEM NUMBER: 1 Description changed from Base Period to Base Period deobligation of funding Total Amount changed from \$2,556.00 to \$1,698.55 Obligated Amount for this modification: -\$857.45 Incremental Funded Amount changed from \$2,556.00 to \$1,698.55</p> <p>CHANGES FOR ACCOUNTING CODE: 13--E1-07L1-303D11-2505---1307L93005-001 Amount changed from \$2,556.00 to \$1,698.55 Percent changed from 100 to 0</p> <p>Delivery Location Code: R7 R7 11201 Renner Blvd. Lenexa KS 66219 USA</p> <p>Payment: RTP Finance Center US Environmental Protection Agency RTP-Finance Center (D143-02) 109 TW Alexander Drive Durham NC 27711</p> <p>FOB: Destination Period of Performance: 05/30/2013 to 12/31/2013</p>				

# ORDER FOR SUPPLIES OR SERVICES

PAGE OF PAGES

1

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IMPORTANT: Mark all packages and papers with contract and/or order numbers.

1. DATE OF ORDER 08/13/2013		2. CONTRACT NO. (If any) EP-W-13-001		6. SHIP TO: a. NAME OF CONSIGNEE R7	
3. ORDER NO. 0016		4. REQUISITION/REFERENCE NO. PR-R7-13-00421			
5. ISSUING OFFICE (Address correspondence to) SRRPOD US Environmental Protection Agency Ariel Rios Building 1200 Pennsylvania Avenue, N. W. Mail Code: 3805R Washington DC 20460				b. STREET ADDRESS 11201 Renner Blvd.	
				c. CITY Lenexa	e. ZIP CODE 66219
7. TO: HEATHER TEED				f. SHIP VIA	
a. NAME OF CONTRACTOR BOOZ ALLEN HAMILTON INC.				8. TYPE OF ORDER	
b. COMPANY NAME				<input type="checkbox"/> a. PURCHASE <input checked="" type="checkbox"/> b. DELIVERY REFERENCE YOUR: _____ Please furnish the following on the terms and conditions specified on both sides of this order and on the attached sheet, if any, including delivery as indicated.	
c. STREET ADDRESS 8283 GREENSBORO DRIVE 7039172337				Except for billing instructions on the reverse, this delivery order is subject to instructions contained on this side only of this form and is issued subject to the terms and conditions of the above-numbered contract.	
d. CITY MCLEAN		e. STATE VA	f. ZIP CODE 221023838		
9. ACCOUNTING AND APPROPRIATION DATA See Schedule				10. REQUISITIONING OFFICE SRRPOD	

11. BUSINESS CLASSIFICATION (Check appropriate box(es)) <input type="checkbox"/> a. SMALL <input checked="" type="checkbox"/> b. OTHER THAN SMALL <input type="checkbox"/> c. DISADVANTAGED <input type="checkbox"/> d. WOMEN-OWNED <input type="checkbox"/> e. HUBZone <input type="checkbox"/> f. SERVICE-DISABLED VETERAN-OWNED <input type="checkbox"/> g. WOMEN-OWNED SMALL BUSINESS (WOSB) ELIGIBLE UNDER THE WOSB PROGRAM <input type="checkbox"/> h. EDWOSB				12. F.O.B. POINT Destination	
13. PLACE OF a. INSPECTION Destination		b. ACCEPTANCE Destination		14. GOVERNMENT B/L NO.	
				15. DELIVER TO F.O.B. POINT ON OR BEFORE (Date)	
				16. DISCOUNT TERMS	

## 17. SCHEDULE (See reverse for Rejections)

ITEM NO. (a)	SUPPLIES OR SERVICES (b)	QUANTITY ORDERED (c)	UNIT (d)	UNIT PRICE (e)	AMOUNT (f)	QUANTITY ACCEPTED (g)
	DUNS Number: 006928857 Comprehensive Monitoring Evaluation Inspection IOWA) Region 7  This action hereby issues Time & Materials Continued ...					
SEE BILLING INSTRUCTIONS ON REVERSE	18. SHIPPING POINT		19. GROSS SHIPPING WEIGHT		20. INVOICE NO.	
	21. MAIL INVOICE TO:					\$39,592.99
	a. NAME RTP Finance Center					
	b. STREET ADDRESS (or P.O. Box) US Environmental Protection Agency RTP-Finance Center Mail Drop D143-02 109 TW Alexander Drive					\$39,592.99
c. CITY Durham			d. STATE NC	e. ZIP CODE 27711		

17(h)  
TOTAL  
(Cont.  
pages)

17(i)  
GRAND  
TOTAL

22. UNITED STATES OF AMERICA BY (Signature)

23. NAME (Typed)  
Evelyn Stanley  
TITLE: CONTRACTING/ORDERING OFFICER

# ORDER FOR SUPPLIES OR SERVICES

## SCHEDULE - CONTINUATION

PAGE NO

2

IMPORTANT: Mark all packages and papers with contract and/or order numbers.

DATE OF ORDER	CONTRACT NO.	ORDER NO.
08/13/2013	EP-W-13-001	0016

ITEM NO. (a)	SUPPLIES/SERVICES (b)	QUANTITY ORDERED (c)	UNIT (d)	UNIT PRICE (e)	AMOUNT (f)	QUANTITY ACCEPTED (g)
0001	<p>Task Order number 0016. The contractor's task order proposal submitted August 2, 2013 is hereby approved and incorporated by reference in the amount of \$39,592.99 (authorized TO ceiling). This action also fully funds this TO in the amount of \$39,592.99 (obligated TO ceiling) which the contractor is not authorized to exceed.</p> <p>Kurt Limesand is appointed as the Task Order Contracting Officer's Representative (TOCOR). The Invoice Approving Official under this task order is Aaron Zimmerman. The work under this task order is severable. All other terms and conditions are hereby incorporated by reference from the parent Contract (EP-W-13-001).</p> <p>TOPO: Kurt Limesand Max Expire Date: 12/31/2013 Admin Office: SRRPOD US Environmental Protection Agency Ariel Rios Building 1200 Pennsylvania Avenue, N. W. Mail Code: 3805R Washington DC 20460 Period of Performance: 08/13/2013 to 12/31/2013</p> <p>Base Period</p> <p>Accounting Info: 13--E1-07L1-302D11-2505---1307L93017-0 01 BFY: 13 Fund: E1 Budget Org: 07L1 Program (PRC): 302D11 Budget (BOC): 2505 DCN - Line ID: 1307L93017-001 Funding Flag: Partial Funded: \$39,592.99</p>				39,592.99	

TOTAL CARRIED FORWARD TO 1ST PAGE (ITEM 17(H))

\$39,592.99

Contract Number: EP-W-13-001  
Contract Name: REPA 5  
Contractor Name: Booz Allen Hamilton  
July 16, 2013

I. **Title**

**COMPREHENSIVE MONITORING EVALUATION INSPECTION  
Chevron Chemical Company  
Fort Madison, Iowa  
IAD005173992**

II. **Contract Officer Representatives**

**EPA Regional Task Order Officer Representative (RTOCOR)**

Aaron Zimmerman  
US EPA Region 7  
11201 Renner Blvd  
Lenexa, KS 66219  
[Zimmerman.aaron@epa.gov](mailto:Zimmerman.aaron@epa.gov)  
Work: (913) 551-7333  
Fax: (913) 551-7065

**EPA Task Order Contract Officer Representative (TOCOR)**

Kurt Limesand (AWMD/WRAP)  
US EPA Region 7  
11201 Renner Blvd  
Lenexa, KS 66219  
[limesand.kurt@epa.gov](mailto:limesand.kurt@epa.gov)  
Work: (913) 551-7184  
Fax: (913) 551-9184

III. **Authorization**

This Performance Work Statement (PWS) is in accordance with Task 2.1 (Field Audit/Oversight and Inspection), of the REPA 5 Zone III Contract SOW.

IV. **Period of Performance**

The period for this Task Order (TO) is from the date of Contracting Officer issuance through December 31, 2013.

## V. **Background**

The Comprehensive Ground Water Monitoring Evaluation (CME) is one of several inspections the EPA has developed to determine the degree of compliance with the Resource Conservation and Recovery Act (RCRA) regulations. The objective of a CME is to determine whether an owner/operator has in place a ground water monitoring system which is adequately designed, operated and maintained to detect releases or to define the rate and extent of contaminant migration as required under 40 CFR Parts 264 and 270. Since the State of Iowa does not conduct inspections under the RCRA Program, Region 7 enters into a contract for the completion of select RCRA inspections in this state.

## VI. **Objective/Purpose**

The purpose of the PWS is to provide technical assistance to the EPA Region 7 RCRA Program by conducting a CME inspection at the Chevron Chemical Company (Chevron) facility to evaluate compliance with the federal hazardous waste regulations (40 CFR 264 and 270) as well as the RCRA Administrative Order on Consent (AOC) issued to the facility. This work includes conducting an extensive office evaluation, a field inspection, and providing an inspection report in order to determine and document facility compliance. EPA is responsible for making all final conclusions and recommendations.

The work performed by the contract inspector will be conducted in four stages as specified below.

## VII. **Assumptions and Constraints**

The contract inspector must have a good working knowledge of the current applicable federal hazardous waste regulations, with emphasis on 40 CFR 264 Subpart F and 40 CFR 270 regulations. Contract inspectors must have expert knowledge of hydrogeological site characterizations, the design and construction of ground water monitoring systems, ground water sampling, waste characteristics, solute transport, RCRA regulations and enforcement authorities.

### A. **File Review**

The contractor shall review all pertinent documents contained in the EPA Region 7 RCRA files. The contractor shall utilize the list of Information Sources contained in Section One (page 7) of the "RCRA Comprehensive Ground-Water Monitoring Evaluation Document" OSWER Directive 9950.2 (CME Guidance). At a minimum, the contractor shall review background information available in the RCRA Facility Assessment, RCRA Facility Investigation Report, Corrective Measures Implementation Report and Annual Ground Water Monitoring reports for the previous 4 years. In addition, the Contractor shall review all previous CME and Operation and Maintenance Inspection (OMI) reports completed to date, noting any past deficiencies or enforcement

actions taken as well as the ultimate resolution of any deficiencies or enforcement actions.

B. Office Evaluation (to be conducted using Section I of the CME Evaluation Worksheet, Appendix A contained in the CME Guidance)

C. Field Inspection (using as a guide Section II of the CME Evaluation Worksheet, Appendix A contained in the CME Guidance)

1. All contractors shall be thoroughly familiar with and conduct inspections in accordance with applicable portions of the CME Guidance and the Non-TSCA CBI SOP No. 2120.3A. If any of these references are updated during the effective period of this PWS, then the updated reference will be provided by the TOCOR to the Contractor, who will follow the updated reference.

2. The contractor will present the facility with their Letter of Authorization at the beginning of the inspection. They will also provide the EPA Project Manager's business card.

3. If issues arise during the inspection, the contract inspector should contact the EPA Project Manager or the designated alternate.

D. Post-Inspection

1. The Contractor shall handle any Confidential Business Information (CBI) from the facility per Region 7 policy;
2. The Contractor shall brief EPA Project Manager on the field inspection findings, technical issues, and preliminary conclusions;
3. The Contractor shall complete Section VIII of the CME Evaluation Worksheet, Appendix A, contained in the CME Guidance; and
4. The Contractor shall document the findings of the office evaluation and field inspection in a draft report.

**The work under this contract is considered 30% low complexity, 30% moderate complexity, and 40% high complexity.**

## VIII. Scope

The contractor shall provide the personnel, services, materials, and equipment necessary to conduct the inspections and reporting requirements. In implementing the scope of work, the contractor will perform the following tasks.

## **Task 1 – Coordination, File Review and Office Evaluation**

The contractor shall initiate a conference call (Conference Call #1) within 14 calendar days of receipt of the PWS, to discuss the project objectives, strategy for achieving those objectives and alternate paths of action that might arise during the project.

Prior to conference call #2 below, the contractor shall conduct a review of all pertinent files as listed in the CME Guidance. The contractor shall utilize the specifications outlined under “Assumptions and Constraints” item “A” above for this task.

The contractor shall conduct the office evaluation, as set forth in the CME Guidance. The contractor shall utilize the specifications outlined under “Assumptions and Constraints” item “B” above for this task. The office evaluation shall consist of a technical evaluation of the design of the ground water monitoring system. The office evaluation shall include, but not be limited to, a review and technical evaluation of the adequacy of the following:

- a. Site geological characterization;
- b. Site ground water hydrological characterization;
- c. Criteria for horizontal well placement and screen lengths of site monitoring wells;
- d. Criteria for drilling method and monitoring well design and construction;
- e. Monitoring well network design;
- f. Sampling and Analysis Plan (SAP).

## **Task 2 – Field Inspection Activities**

### **1. Conference Call #2**

Prior to conducting the field inspection (typically the Facility conducts annual sampling in mid-October), the contractor inspectors and the EPA Project Manager will convene a conference call to discuss the inspection process. The contractor shall contact the EPA Project Manager to discuss findings of the office evaluation and develop a list of issues of importance along with recommendations for site-specific observations for the field inspection. The Contractor must make advance arrangements for the call to take place at least 7 calendar days prior to the date that the Contractor would depart to conduct the inspection. Under special circumstances, the time frame requirements can be waived by the TOCOR. Topics at this meeting include:

- a. Inspection process explanations/highlights;
- b. Report preparation highlights;
- c. Discussion of common past problems with inspections;
- d. Inspection report review process and how feedback will occur; and
- e. Questions/answer session.

## 2. Inspection

**All personnel conducting and assisting with the inspection will be familiar with the CME Guidance, and the Non-TSCA CBI SOP No. 2120.3A. These will be provided to the Contractor prior to Conference Call #1**

The contractor shall utilize the specifications outlined under “Assumptions and Constraints” item “B” above for this task. Specifically, the contract inspector shall

- a. Conduct a field inspection of the monitoring well network, observing the sampling conducted by the Facility’s environmental contractor;
- b. Document the inspection in field notebook and corresponding photo log;
- c. Perform site-specific observations recommended by the EPA Project Manager; and
- d. Contact the EPA Project Manager if issues arise.

## 3. Post Inspection Follow-up

Within 14 calendar days upon returning from the inspection, the contract inspector will verbally brief (Conference Call # 3) the EPA Project Manager on the inspection results. Under special circumstances, the time frame requirements can be waived by the TOCOR or EPA Project Manager. The contract inspector should consult with the EPA Project Manager and/or TOCOR on any technical issues/concerns and regulatory interpretations. If any CBI has been received from the facility during the inspection, it must be handled per the Region 7 SOP.

## Task 3 – CME Report

1. Draft CME Report: Within 45 calendar days following the inspection, the contractor shall submit one copy of the draft inspection report to the TOCOR. The contractor shall utilize the specifications outlined under “Assumptions and Constraints” item “C” above for this task. The draft report shall contain, but not be limited to, all items set forth in the EPA CME Guidance, along with a written overview and conclusions regarding the adequacy of the following:

- a. The site hydrogeologic characterization;
- b. The design, construction and operation of the ground water monitoring system to define the extent and concentration of contamination in the horizontal and vertical planes;
- c. The design and construction of the individual monitoring wells;
- d. The amount, type and quality of data collected to inform in determinations of the rate of migration, extent of migration, and hazardous waste constituent composition of the contaminant plume(s);
- e. The adequacy of the monitoring scheme to protect and/or detect potential releases to nearby surface water bodies; and,

- f. The duration and frequency of monitoring events to determine rate of migration.

The report must also include:

- a. An assessment of the accuracy of the facility cross sections and facility interpretation of the ground water flow direction and relationship to surface water through construction of potentiometric contour maps using the water-level data collected in the field during the most recent sampling event;
- b. An assessment of the accuracy of the facility interpretation of the 3-dimensional distribution of ground water contamination inferred by the facility by constructing isoconcentration maps of the constituents of concern using data derived from the most recent sampling event;
- c. An assessment of the effectiveness of the corrective measure implemented by the facility and its potential to attain site cleanup goals, and any recommendations to enhance its effectiveness;
- d. A preliminary list of conclusions which includes potential deficiencies in the facility monitoring as well as recommendations for the facility to implement to return to compliance; and
- e. The EPA Ground Water Monitoring Oversight Inspection Report (May 2008).

2. Final CME Report - The EPA Project Manager will review the draft CME Inspection Report for logic, consistency, and technical and regulatory accuracy. Comments will be provided to the Contractor by the Project Manager in writing and/or email. If the contract inspector has questions regarding the comments, the Project Manager should be contacted by telephone or email for clarification. Within 15 calendar days of receipt of comments from the Project Manager, the contract inspector shall electronically resubmit a revised CME Inspection Report in redline/strikeout format, incorporating/addressing all of the Project Manager's comments. The Project Manager will notify the contract inspector by email whether the revised report is acceptable for final submission. The review cycle may repeat until the CME report is satisfactory to the EPA.

Within 7 days of notification from the EPA Project Manager that the electronic submission is approved, the contract inspector should submit the original and 3 final copies to the TOCOR. The original final CME Inspection Report and the 3 additional copies should not be bound in any manner. Copies shall contain color photos and figures. If the facility claims one or more attachments to the report represent CBI, these should only be referenced in the report (do not put CBI information into the narrative) and normal report handling procedures should be followed. The CBI attachment(s) should not be included as part of the final inspection report, but should be sent to the TOCOR, who will arrange for placement into the Region 7 CBI files.

## **IX. Performance Measures and Quality Assurance**

The contractor shall provide field audit/oversight in accordance with applicable laws, regulations, policies, guidance, and direction provided in the individual task orders. This support shall be tailored to the needs of, and be consistent with, the policies and guidance of the specific office being supported. This support shall meet or exceed professional industry standards.

The Contractor shall be adequately prepared before going into the field, including but not limited to: appropriate field staff with required training and knowledge, appropriate field equipment (personal protective gear, surveillance equipment, etc.), familiarity with site conditions, and requirements of applicable plans and settlement documents. The contractor shall use detailed logbooks and photographs to support observations and activities.

The Contractor shall coordinate and integrate all activity needed to provide the required support (e.g., problem identification/resolution strategy; responses to inquiries, and/or technical, service, administrative issues, etc.) in a timely, complete and effective manner. The Contractor shall use QA monitoring tools to ensure technical support and deliverables meet contract and task order requirements.

Deliverables should be of sufficient quality to document any deviations from accepted or approved practices in the field. Deliverables or technical support shall demonstrate that relevant information and documentation was considered when developing field audits, oversight or inspection reports. Deliverables shall include the rationale behind any findings, conclusions or recommendations.

Deliverables shall meet the schedule and costs presented in the task order. Written deliverables shall reflect a good command of the English language, be well-organized, and free of grammatical errors, misspellings, and incomplete sentences. As required, written deliverables shall also have high-quality professional graphics. Preparation and printing of materials shall be in accordance with GPO guidelines.

The contractor shall utilize staff with the appropriate level of education and work experience to meet the task order requirements. Specialized and/or expert staff must meet the minimum requirements as identified in the individual task orders. Contractor staff shall demonstrate a high level of professionalism.

The contractor shall propose performance measures related to quality and timeliness of deliverables. The contractor shall propose the quality assurance systems and methods for periodic measurement, collection and reporting of its performance data.

#### **X. Technical Direction**

The TOCOR is authorized to provide technical direction, which clarifies the PWS. Technical direction must be within the scope of the contract and the TO. Technical direction is instruction to the contractor that approves approaches, solutions, designs, or refinements; fills in details; completes the general description of work or documentation

items; shifts emphasis among work areas or tasks; or provides similar guidance. It includes evaluation of contractor performance and comments on deliverables.

The TOCOR shall issue technical direction in writing or confirm in writing within 5 calendar days after verbal issuance. The TOCOR shall forward copies of the technical direction to the Contracting Officer (CO) and RTOCOR.

The CO is the only person authorized to make changes to the TO or contract. Any changes to the TO scope, period of performance or deliverable due dates must be approved by the CO in writing.

## **XI. Schedule of Deliverables**

### **SUMMARY OF DELIVERABLES AND DUE DATES**

1. Conference Call #1 – within 14 calendar days of receipt of PWS
2. File Review and Desk Evaluation – prior to Conference Call #2
3. Conference Call #2 – at least 7 calendar days before field inspection, which is tied to Facility's sampling schedule
4. Conference Call #3 – within 14 calendar days of completion of field inspection
5. Draft CME Report – within 45 calendar days of completion of field inspection
6. Revised CME Report – within 15 calendar days of EPA comment on draft CME Report
7. Final CME Report Copies – within 7 calendar days of EPA notice of approval for the CME Report

The Contractor must notify the TOCOR at least 5 calendar prior to a due date of a deliverable if that due date is expected to be missed, and must request an extension. The Contractor will coordinate with the TOCOR to determine the new due date for the deliverable and prepare a deliverable to summarize the situation.

## **XII. Special Conditions**

### **Contractor Personnel Qualifications**

Contractors conducting field inspections must have taken the Basic Inspector Training, 40 Hour Health and Safety Training (and 8 hour refreshers, as necessary), and be familiar with the EPA CME Guidance. Each contract inspector must also have completed the Region 7 non-TSCA CBI training. Each contract inspector must have a degree in

geology or geological engineering or, at a minimum, have a strong educational background in the geological sciences. Contract inspectors must have previous experience in conducting CME inspections or, at a minimum, have a good working knowledge of ground water sampling techniques and methods. The Contractor shall provide the TOCOR with resumes of all personnel conducting inspections with the proposed Work Plan. At the discretion of the TOCOR, contract inspectors may be interviewed by the TOCOR prior to issuance of Letters of Authorization. Any contract inspector so interviewed by the TOCOR must verbally demonstrate the knowledge and skills required above to the satisfaction of the TOCOR.

All personnel assisting with inspections and work requested under this PWS must be authorized by EPA Region 7 for handling of RCRA CBI and must handle such information in accordance with the EPA Region 7 protocol and 40 CFR Part 2.

All contract inspectors who have met these qualifications will be issued Letters of Authorization, which will serve as official identification for the purpose of conducting inspections. These letters are to be kept secure, and are not to leave the possession of the contract inspector. Under no circumstances shall photo copies be made of the Letters of Authorization.

#### Contractor Personnel Availability

Contractor personnel who conduct inspections shall be available to answer questions over the telephone (or in a meeting if more efficient and cost effective) from EPA project managers, attorneys, or the TOCOR regarding the inspection or trip reports written by the contractor personnel.

#### Correspondence

All correspondence pertaining to inspections conducted under this PWS shall be directed through the TOCOR for this PWS: Kurt Limesand, US EPA Region 7, AWMD/WRAP, 11201 Renner Blvd, Lenexa, Kansas, 66219, (913) 551-7184, [limesand.kurt@epa.gov](mailto:limesand.kurt@epa.gov)

EP-E-13-001 TASK ORDER 0016 MOD SUMMARY

Mod #	Reason For Modification	Award Date	Obligation	Total Amount
BASE		8/13/2013	\$39,592.99	\$39,592.99
007	Funding Only Action	10/17/2016	(\$11,025.19)	\$0.00
006	Other Administrative Action	6/4/2014	\$0.00	\$0.00
005	Other Administrative Action	5/12/2014	\$0.00	\$0.00
004	Funding Only Action	5/7/2014	\$0.00	\$37,214.99
003	Other Administrative Action	3/26/2014	\$0.00	\$0.00
002	Funding Only Action	3/11/2014	\$742.14	\$742.14
001	Other Administrative Action	12/24/2013	\$0.00	\$0.00
				<b>\$77,550.12</b>

# ORDER FOR SUPPLIES OR SERVICES

PAGE OF PAGES

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IMPORTANT: Mark all packages and papers with contract and/or order numbers.

1. DATE OF ORDER 08/21/2013		2. CONTRACT NO. (If any) EP-W-13-001		6. SHIP TO:	
3. ORDER NO. 0017		4. REQUISITION/REFERENCE NO. PR-R7-13-00435		a. NAME OF CONSIGNEE R7	
5. ISSUING OFFICE (Address correspondence to) SRRPOD US Environmental Protection Agency Ariel Rios Building 1200 Pennsylvania Avenue, N. W. Mail Code: 3805R Washington DC 20460				b. STREET ADDRESS 11201 Renner Blvd.	
				c. CITY Lenexa	e. ZIP CODE 66219
7. TO: HEATHER TEED				f. SHIP VIA	
a. NAME OF CONTRACTOR BOOZ ALLEN HAMILTON INC.				8. TYPE OF ORDER	
b. COMPANY NAME				<input type="checkbox"/> a. PURCHASE <input checked="" type="checkbox"/> b. DELIVERY	
c. STREET ADDRESS 8283 GREENSBORO DRIVE 7039172337				REFERENCE YOUR:  Please furnish the following on the terms and conditions specified on both sides of this order and on the attached sheet, if any, including delivery as indicated.	
d. CITY MCLEAN		e. STATE VA	f. ZIP CODE 221023838		
9. ACCOUNTING AND APPROPRIATION DATA See Schedule				10. REQUISITIONING OFFICE SRRPOD	

11. BUSINESS CLASSIFICATION (Check appropriate box(es))				12. F.O.B. POINT	
<input type="checkbox"/> a. SMALL <input checked="" type="checkbox"/> b. OTHER THAN SMALL <input type="checkbox"/> c. DISADVANTAGED <input type="checkbox"/> d. WOMEN-OWNED <input type="checkbox"/> e. HUBZone <input type="checkbox"/> f. SERVICE-DISABLED VETERAN-OWNED <input type="checkbox"/> g. WOMEN-OWNED SMALL BUSINESS (WOSB) ELIGIBLE UNDER THE WOSB PROGRAM <input type="checkbox"/> h. EDWOSB				Destination	
13. PLACE OF		14. GOVERNMENT B/L NO.		15. DELIVER TO F.O.B. POINT ON OR BEFORE (Date)	
a. INSPECTION Destination	b. ACCEPTANCE Destination				

## 17. SCHEDULE (See reverse for Rejections)

ITEM NO. (a)	SUPPLIES OR SERVICES (b)	QUANTITY ORDERED (c)	UNIT (d)	UNIT PRICE (e)	AMOUNT (f)	QUANTITY ACCEPTED (g)
	DUNS Number: 006928857 Analyzing Cost Estimates at Nebraska and Kansas RCRA Facilities: MRP Properties (KS), Dudley (NE), Brunswick (NE). Region 7  Continued ...					

SEE BILLING INSTRUCTIONS ON REVERSE	18. SHIPPING POINT		19. GROSS SHIPPING WEIGHT		20. INVOICE NO.		17(h) TOTAL (Cont. pages)
	21. MAIL INVOICE TO:						
	a. NAME RTP Finance Center						\$23,913.82
	b. STREET ADDRESS (or P.O. Box) US Environmental Protection Agency RTP-Finance Center Mail Drop D143-02 109 TW Alexander Drive						\$23,913.82
c. CITY Durham				d. STATE NC	e. ZIP CODE 27711		17(i) GRAND TOTAL

22. UNITED STATES OF AMERICA BY (Signature)

23. NAME (Typed)  
Wallace Sermons  
TITLE: CONTRACTING/ORDERING OFFICER

**ORDER FOR SUPPLIES OR SERVICES**  
**SCHEDULE - CONTINUATION**

PAGE NO  
2

IMPORTANT: Mark all packages and papers with contract and/or order numbers.

DATE OF ORDER 08/21/2013	CONTRACT NO. EP-W-13-001	ORDER NO. 0017
-----------------------------	-----------------------------	-------------------

ITEM NO. (a)	SUPPLIES/SERVICES (b)	QUANTITY ORDERED (c)	UNIT (d)	UNIT PRICE (e)	AMOUNT (f)	QUANTITY ACCEPTED (g)
0001	<p>This action hereby issues Time &amp; Materials Task Order number 0017. The contractor's task order proposal submitted August 9, 2013 is hereby approved and incorporated by reference in the amount of \$23,913.82 (authorized TO ceiling). This action also fully funds this TO in the amount of \$23,913.82 (obligated TO ceiling) which the contractor is not authorized to exceed. Bradley Roberts is appointed as the Task Order Contracting Officer's Representative (TOCOR). The Invoice Approving Official under this task order is Aaron Zimmerman. The work under this task order is severable. All other terms and conditions are hereby incorporated by reference from the parent Contract (EP-W-13-001).</p> <p>TOPO: Bradley Roberts Max Expire Date: 12/31/2013 Admin Office: SRRPOD US Environmental Protection Agency Ariel Rios Building 1200 Pennsylvania Avenue, N. W. Mail Code: 3805R Washington DC 20460</p> <p>Accounting Info: 13-14-B-07LJ-303D99-2505---1307L93018-001 BFY: 13 EFY: 14 Fund: B Budget Org: 07LJ Program (PRC): 303D99 Budget (BOC): 2505 DCN - Line ID: 1307L93018-001 Period of Performance: 08/21/2013 to 12/31/2013</p> <p>Base Period</p>				23,913.82	

TOTAL CARRIED FORWARD TO 1ST PAGE (ITEM 17(H))

\$23,913.82

CONTRACT NUMBER: EP-W-13-001  
CONTRACT NAME: REPA 5  
CONTRACTOR NAME: Booz Allen Hamilton  
REGIONAL TASK ORDER NUMBER: 0017  
<July 25, 2013>

**Title** Analyzing Cost Estimates at Nebraska and Kansas RCRA Facilities: MRP Properties (KS), Dudley (NE), Brunswick (NE).

I. **Contract Officer Representatives**

**EPA Regional Task Order Contract Officer Representative (RTOCOR)**

Aaron Zimmerman  
US EPA Region 7  
11201 Renner Blvd.  
Lenexa, KS 66219  
[zimmerman.aaron@epa.gov](mailto:zimmerman.aaron@epa.gov)  
Work: (913) 551-7333  
Fax: (913) 551-7065

**EPA Task Order Contract Officer Representative (TOCOR)**

Brad Roberts (AWMD/WRAP)  
11201 Renner Blvd.  
Lenexa, KS 66219  
[roberts.bradley@epa.gov](mailto:roberts.bradley@epa.gov)  
Work: (913) 551-7279  
Fax: (913) 551-9279

II. **Authorization**

This Performance Work Statement (PWS) is in accordance with Task 1.1 Technical Reviews, of the REPA 5 Zone III Contract PWS.

III. **Period of Performance**

The period of performance for this Task Order (TO) is from the date of Contracting Officer issuance through December 31, 2013.

IV. **Background**

Corrective Action Cost Estimates - Corrective action entails conducting cleanup activities to address all unacceptable risks to human health or the environment from the release of hazardous waste or hazardous constituents at TSDFs. The corrective action process generally includes the following elements: initial site assessment, site characterization, environmental indicators, and selection and implementation of the remedy (corrective measure implementation).

If the necessary corrective action cannot be completed prior to the issuance of a permit, the permit must contain a schedule of compliance for completing such corrective action and assurances of financial responsibility. Thus, both EPA and authorized States must include assurance of financial responsibility for corrective action in permits that require corrective action. EPA is authorized to issue administrative

orders or file civil judicial actions that impose corrective action financial responsibility requirements on facilities subject to 3008(h) orders. The primary purpose of the financial responsibility requirements for corrective action is to assure that funds will be available when needed to conduct necessary corrective action measures.

Corrective action measures cost estimates should be based on costs that would be incurred by an independent, third-party in order to ensure that the full costs of corrective action will be covered in the event an owner or operator is not able to fulfill its obligations.

Closure/Post-Closure Cost Estimates - When an owner/operator of a hazardous waste Treatment/Storage/Disposal Facility (TSDF) completes the written closure and/or post-closure plan, they must determine the implementation cost for the plan(s) by preparing a cost estimate(s) based on the cost of a third-party contractor performing closure activities. These estimates provide the base figure for the amount of financial assurance a facility will need to demonstrate.

According to Sections 264/265.142 and 264/265.144, cost estimates must reflect the cost of hiring a third party to conduct all activities outlined in the closure and/or post-closure plans. If a contingent closure or post-closure plan is required for a permitted surface impoundment or waste pile, the cost of its implementation must be calculated into the final cost estimate for the facility. Closure cost estimates are based on the point in the facility's operating life when closure would be the most expensive. Post-closure estimates are based on projected costs for a post-closure period of 30 years, which can only be reduced or extended by the Regional Administrator or state director.

The three (3) RCRA Facilities included in this Task Order are as follows:

1. **MRP Properties Company, LLC (MRP) (former Total Petroleum Refinery), 1400 South M Street, Arkansas City, Kansas, KSD087418695 [EPA Project Manager is Brad Roberts]:** MRP has a RCRA Post-Closure permit which was re-issued in 2012. KDHE has the Part 1 and EPA the Part 2. Under the Part II the MRP facility has ongoing interim corrective action measures in place to control migration of contaminated groundwater and recover separate phase (LNAPL) hydrocarbon contamination resulting from past waste/product handling at this former refinery. Groundwater extraction wells are in operation as well as LNAPL recovery wells. Monitoring wells are also measured and sampled in association with site-wide groundwater monitoring. The re-issued Part II required the facility to submit an Interim Measure Operation & Maintenance Plan and a Site-Wide Sampling and Analysis Plan with corresponding cost estimates for performing the work, and EPA is requesting contractor review of those two cost estimates.

Investigation of soil and groundwater contamination and risk assessment is also being required by EPA and KDHE; however, the investigatory and risk assessment work is not to be included in the facility's cost estimates or evaluated under this TO.

2. **Dudley, Norfolk Nebraska, NED035093178 [EPA Project Manager is Mary Grisolano]:** EPA requires review of a cost estimate to operate, maintain and evaluate performance of a soil vapor extraction (SVE) system and to conduct groundwater monitoring. The work on this project is being conducted as corrective action under an Administrative Order on Consent pursuant to Section 7003 of the Resource Conservation and Recovery Act. Dudley is currently operating a soil vapor extraction (SVE) system with nine wells up to about 15 feet deep. Wells are piped within a small area at one commercial building, with one blower and one moisture separator on the system. The cost estimate will cover one year of SVE system costs and dismantling costs. Performance monitoring includes collection of exhaust air samples and knockout tank water for VOC analysis. A groundwater monitoring plan has been submitted to sample and monitor approximately ten wells for VOC analysis. Samples will be collected for VOC analysis quarterly for one year at nine wells; and every year for a 30 year time period at the following: quarterly at four wells, monthly for six months of the year at three wells, and annually at one well.

3. **Brunswick, Lincoln, Nebraska NED435534635 [EPA Project Manager is Mary Grisolano]:**  
EPA requires review of a cost estimate for groundwater monitoring. The groundwater monitoring program is being conducted under the authority of a corrective action permit issued by EPA. Brunswick will collect groundwater samples from four monitoring wells for VOC analysis annually for approximately ten years.

V. **Objective/Purpose**

Conduct a technical review of the cost estimate for the facilities listed above. Analyze the cost estimate for closure/post closure and/or corrective action for each facility listed above using RACER and/or CostPro software, and provide written results of that analysis. Provide comments on the adequacy of the facility's proposed cost estimate as compared to the Contractor's cost estimate, based on the results of the computer software analysis, for the associated corrective action activities.

VI. **Assumptions and Constraints**

The contractor shall provide staff that meets all the educational and professional experience specified under this TO, in particular, expertise in the use and abilities of RACER and/or CostPro software. The work under subtask 1.1 of the contract is considered to be moderately complex.

VII. **Scope**

Tasks:

1. Cost Estimate Review for Facility 1 (MRP).
  - a. Review the relevant documents containing cost estimates, such as facility cost estimate submittal/re-submittals, Groundwater Monitoring Plan, Interim Measures Operation & Maintenance Plan, Corrective Measures Study Report, Corrective Measures Implementation Work Plan/Report, inspection reports, associated risk assessment documents, and/or other applicable facility documents. The EPA Project Manager will identify the relevant documents in each facility file for the contractor.
  - b. Prepare a cost estimate for closure/post closure and/or corrective action for the referenced RCRA facilities using RACER and/or CostPro. The Contractor shall also assist the EPA Project Manager in determining whether the owner/operator's cost estimates are complete, accurate, and project accurate costs for closure/post-closure and/or corrective action. Within thirty (30) days following the receipt of the EPA TOCOR's technical direction, the Contractor shall provide to the EPA a report on the results of the RACER and/or CostPro cost estimate and will also document the adequacy, completeness, and accuracy of the cost estimate proposed by the facility using the information from the cost estimate, RACER and/or CostPro analysis. The Contractor shall provide in the report all assumptions used to develop the cost estimate and the RACER and/or CostPro software documentation (worksheets) resulting from the analysis of the cost estimates for closure/post-closure and/or corrective action for the reference RCRA facility. The cost estimate created by the software system shall be copied to a disk and provided to the EPA TOCOR.
  - c. If the EPA Project Manager requests the Contractor make clarifications or revisions to the cost estimating analysis and/or Report, the Contractor shall make the additional corrections or revisions to the Report and/or analysis using the software, if necessary, as requested by the EPA Project Manager, and resubmit the revised package to the EPA TOCOR within fifteen (15) days following receipt of the EPA TOCOR's request.
  - d. Following receipt of the revised package, EPA will negotiate with the owner/operator of each facility to make any changes necessary based on the contractor's analysis, and will

require the owner/operator to submit a new cost estimate if substantial changes were required. EPA will then provide the new cost estimate for the facility to the contractor, who will analyze the new cost estimate following the procedures in Tasks 2 and 3 above within thirty (30) days following the receipt of the EPA TOCOR's technical direction. The contractor shall, to the extent possible, use the report on the initial cost estimate as a template for analyzing and reporting on the new cost estimate, to minimize the duplication of effort.

e. The Contractor shall participate in meetings, conference calls, and/or negotiation sessions and provide cost analysis support to the EPA Project Manager as requested throughout the period of performance. The notification by the EPA Project Manager to the Contractor will indicate the purpose of the Contractors' attendance and what is required, if anything, prior to their attendance. The EPA Project Manager will specify the date, time, and location of the meeting, and what is required of the Contractor during the meeting. Assume two (2) two-hour meetings/conference calls, or an equivalent number of hours allocated to similar tasks as requested by the EPA Project Manager. The contractor shall participate in these meetings by telephone or teleconference unless otherwise directed by the TOCOR. Travel to the facilities will not be part of this TO.

2. Cost Estimate Review for Facility 2 (Dudley) following steps a. through e. above. Relevant project documents include cost estimates, Soil Vapor Extraction Construction Completion Report (CCR), January 15, 2013; Soil Vapor Extraction Performance Monitoring Plan (PMP), January 23, 2013; and the Soil Vapor Extraction Operation and Maintenance Plan (O&M), January 15, 2013.

3. Cost Estimate Review for Facility 3 (Brunswick) following steps a. through e. above. Relevant project documents include cost estimates and Field Sampling Plans describing the groundwater monitoring program.

#### **VIII. Performance Measures and Quality Assurance**

The contractor shall propose performance measures related to quality and timeliness of deliverables. The contractor shall propose the quality assurance systems and methods for periodic measurement, collection and reporting of its performance data.

The Contractor's deliverables will be inspected by the Government for acceptability. Unacceptable deliverables will be returned to the Contractor with comments and directions for necessary corrections or rework, as may be applicable.

#### **IX. Technical Direction**

The three (3) facilities covered by this TO are managed by multiple EPA Project Managers. The TOCOR is not intimately familiar with the details of each facility, and cannot therefore provide all necessary technical direction to the contractor to support completion of the tasks under this TO. The contractor is authorized to directly contact the EPA project managers identified above to obtain technical direction (as defined below) specific to the facility managed by that person. If the contractor has any doubt whether or not the technical direction provided by the EPA project manager is within the scope of the contract and/or the TO, the contractor must contact the TOCOR for clarification prior to acting on the technical direction. Technical direction from an EPA project manager which results in the contractor performing work outside the scope of the contract and/or the TO, and which was not confirmed with the TOCOR prior to performing that work, will not be reimbursed under this TO.

The TOCOR and the EPA project managers identified above are authorized to provide technical direction which clarifies the PWS. Technical direction must be within the scope of the contract and the TO. Technical direction is instruction to the contractor that approves approaches, solutions, designs, or refinements; fills in details; completes the general description of work or documentation items; shifts

emphasis among work areas or tasks; or provides similar guidance. It includes evaluation of contractor performance and comments on deliverables.

The TOCOR and the EPA project managers identified above shall issue technical direction in writing or confirm in writing within five (5) calendar days after verbal issuance. The TOCOR shall forward copies of the technical direction to the Contracting Officer (CO) and RTOCOR.

The CO is the only person authorized to make changes to the TO or contract. Any changes to the TO scope, period of performance or deliverable due dates must be approved by the CO in writing.

X. **Schedule of Deliverables**

<u>Task Number</u>	<u>Output/Product</u>	<u>Due Date*</u>
1.b., 2.b., 3.b.	The Contractor shall provide to the EPA the facility cost estimate analysis report based on the results of the RACER and/or CostPro cost estimate and will also document the adequacy, completeness, and accuracy of the cost estimate proposed by the facility using the information from the cost estimate RACER and/or CostPro analysis. The Contractor shall provide in the report all assumptions used to develop the cost estimate and the RACER and/or CostPro software documentation (worksheets) resulting from the analysis of the cost estimates for closure/post-closure and/or corrective action for the referenced facilities. The cost estimate created by the software system will be copied to a CD and provided to the EPA TOCOR.	Within thirty (30) days following the receipt of the EPA TOCOR's technical direction.
1.c, 2.c., 3.c.	The Contractor shall reanalyze the cost estimate using the software, if necessary, and make corrections/clarifications to the Report and resubmit the analysis package to the EPA TOCOR.	Within fifteen (15) days following receipt of the EPA Project Manager's comments on the Report and/or the costs estimating analysis for the referenced facilities.
1.d., 2.d., 3.d.	The Contractor shall analyze the new cost estimate provided by the facility (if EPA requires the facility to provide one), and provide the same outputs specified for Task 2 above.	Within thirty (30) days following the receipt of the EPA TOCOR's technical direction.
1.d., 2.d., 3.d.	The Contractor shall reanalyze the new cost estimate (if EPA requires the facility to provide one) using the software, if necessary, and make corrections/clarifications to the Report and resubmit the analysis package to the EPA TOCOR.	Within fifteen (15) days following receipt of the EPA Project Manager's comments on the Report and/or the costs estimating analysis for the referenced facilities.

\*Note: All days are calendar days unless otherwise specified.

EP-W-13-001 TASK ORDER 0017

Mod #	Reason For Modification	Award Date	Obligation	Total Amount
BASE		8/21/2013	\$23,913.82	\$23,913.82
006	Funding Only Action	2/8/2017	(\$11,119.67)	\$0.00
005		12/4/2014	\$0.00	\$0.00
004	Funding Only Action	5/13/2014	\$0.00	\$16,538.78
003	Other Administrative Action	3/24/2014	\$0.00	\$0.00
002	Funding Only Action	3/21/2014	\$450.37	\$450.37
001	Other Administrative Action	12/24/2013	\$0.00	\$0.00
				<b>\$40,902.97</b>

## ORDER FOR SUPPLIES OR SERVICES

PAGE OF PAGES

1

10

IMPORTANT: Mark all packages and papers with contract and/or order numbers.

1. DATE OF ORDER 09/06/2013		2. CONTRACT NO. (If any) EP-W-13-001		6. SHIP TO:	
3. ORDER NO. 0018		4. REQUISITION/REFERENCE NO. PR-R7-13-00471		a. NAME OF CONSIGNEE R7	
5. ISSUING OFFICE (Address correspondence to) SRRPOD US Environmental Protection Agency Ariel Rios Building 1200 Pennsylvania Avenue, N. W. Mail Code: 3805R Washington DC 20460				b. STREET ADDRESS 11201 Renner Blvd.	
				c. CITY Lenexa	e. ZIP CODE 66219
7. TO: HEATHER TEED				f. SHIP VIA	
a. NAME OF CONTRACTOR BOOZ ALLEN HAMILTON INC.				8. TYPE OF ORDER	
b. COMPANY NAME				<input type="checkbox"/> a. PURCHASE REFERENCE YOUR:  Please furnish the following on the terms and conditions specified on both sides of this order and on the attached sheet, if any, including delivery as indicated.	
c. STREET ADDRESS 8283 GREENSBORO DRIVE 7039172337				<input checked="" type="checkbox"/> b. DELIVERY Except for billing instructions on the reverse, this delivery order is subject to instructions contained on this side only of this form and is issued subject to the terms and conditions of the above-numbered contract.	
d. CITY MCLEAN		e. STATE VA	f. ZIP CODE 221023838		
9. ACCOUNTING AND APPROPRIATION DATA See Schedule				10. REQUISITIONING OFFICE SRRPOD	

11. BUSINESS CLASSIFICATION (Check appropriate box(es))				12. F.O.B. POINT Destination	
<input type="checkbox"/> a. SMALL <input checked="" type="checkbox"/> b. OTHER THAN SMALL <input type="checkbox"/> c. DISADVANTAGED <input type="checkbox"/> d. WOMEN-OWNED <input type="checkbox"/> e. HUBZone <input type="checkbox"/> f. SERVICE-DISABLED VETERAN-OWNED <input type="checkbox"/> g. WOMEN-OWNED SMALL BUSINESS (WOSB) ELIGIBLE UNDER THE WOSB PROGRAM <input type="checkbox"/> h. EDWOSB					
13. PLACE OF		14. GOVERNMENT B/L NO.		15. DELIVER TO F.O.B. POINT ON OR BEFORE (Date)	
a. INSPECTION Destination	b. ACCEPTANCE Destination				

## 17. SCHEDULE (See reverse for Rejections)

ITEM NO. (a)	SUPPLIES OR SERVICES (b)	QUANTITY ORDERED (c)	UNIT (d)	UNIT PRICE (e)	AMOUNT (f)	QUANTITY ACCEPTED (g)
	DUNS Number: 006928857 Direct Push Investigation Various Project Sites in Missouri Region 7  This action hereby issues Time & Materials Continued ...					

SEE BILLING INSTRUCTIONS ON REVERSE	18. SHIPPING POINT		19. GROSS SHIPPING WEIGHT		20. INVOICE NO.		17(h) TOTAL (Cont. pages)
	21. MAIL INVOICE TO:						
	a. NAME RTP Finance Center						\$48,729.00
	b. STREET ADDRESS (or P.O. Box) US Environmental Protection Agency RTP-Finance Center Mail Drop D143-02 109 TW Alexander Drive						\$48,729.15
c. CITY Durham			d. STATE NC	e. ZIP CODE 27711		17(i) GRAND TOTAL	

 22. UNITED STATES OF AMERICA BY (Signature)
 

 23. NAME (Typed)  
Wallace Sermons  
TITLE: CONTRACTING/ORDERING OFFICER

**ORDER FOR SUPPLIES OR SERVICES**  
**SCHEDULE - CONTINUATION**

PAGE NO  
2

IMPORTANT: Mark all packages and papers with contract and/or order numbers.

DATE OF ORDER 09/06/2013	CONTRACT NO. EP-W-13-001	ORDER NO. 0018
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ITEM NO. (a)	SUPPLIES/SERVICES (b)	QUANTITY ORDERED (c)	UNIT (d)	UNIT PRICE (e)	AMOUNT (f)	QUANTITY ACCEPTED (g)
0001	<p>Task Order number 0018. The contractor's task order proposal submitted August 23, 2013 is hereby approved and incorporated by reference in the amount of \$48,729.15(authorized TO ceiling). This action also incrementally funds this TO in the amount of \$48,729.00 (obligated TO ceiling) which the contractor is not authorized to exceed.</p> <p>Mary Grisolano is appointed as the Task Order Contracting Officer's Representative (TOCOR). The Invoice Approving Official under this task order is Aaron Zimmerman. The work under this task order is severable. All other terms and conditions are hereby incorporated by reference from the parent Contract (EP-W-13-001).</p> <p>TOPO: Mary Grisolano Max Expire Date: 12/31/2013 Admin Office: SRRPOD US Environmental Protection Agency Ariel Rios Building 1200 Pennsylvania Avenue, N. W. Mail Code: 3805R Washington DC 20460</p> <p>Accounting Info: 13-14-B-07LJ-303D99-2505---1307L93022-001 BFY: 13 EFY: 14 Fund: B Budget Org: 07LJ Program (PRC): 303D99 Budget (BOC): 2505 DCN - Line ID: 1307L93022-001 Period of Performance: 09/06/2013 to 12/31/2013</p> <p>Base Period</p>				48,729.00	

TOTAL CARRIED FORWARD TO 1ST PAGE (ITEM 17(H))

\$48,729.00

CONTRACT NUMBER: EP-W-13-002  
CONTRACT NAME: REPA 5  
CONTRACTOR NAME: Booz Allen Hamilton  
REGIONAL PERFORMANCE WORK STATEMENT (PWS)  
August 8, 2013

I. **Title** Direct Push Investigation Various Project Sites in Missouri

II. **Contract Officer Representatives**

**EPA Regional Performance Work Statement Contract Officer Representative (RTOCOR)**

Aaron Zimmerman  
U.S. EPA Region 7  
11201 Renner Boulevard  
Lenexa, KS 66219  
[zimmerman.aaron@epa.gov](mailto:zimmerman.aaron@epa.gov)  
Work: (913) 551-7333

**EPA Performance Work Statement Contract Officer Representative (TOCOR)**

Mary Grisolano  
U.S. EPA, Region 7  
11201 Renner Boulevard  
Lenexa, KS 66219  
[grisolano.mary@epa.gov](mailto:grisolano.mary@epa.gov)  
(913) 551-7657 Phone

III. **Authorization**

This Performance Work Statement (PWS) is in accordance with Task 2.2 (Field Sampling), of the REPA 5 Zone III Contract SOW.

IV. **Period of Performance**

The period of performance for this PWS is from the date of Contracting Officer issuance through December 31, 2013.

V. **Background**

This PWS applies to Missouri projects where EPA has lead or joint (EPA and state) lead authority for conducting corrective action work. Some project sites require collection of additional data to characterize the nature and extent of contamination that can be collected using direct push technology. The resulting data would allow EPA to fully evaluate the site for the purpose of determining the appropriate corrective action required to protect human health and the environment.

The EPA requires a contractor to conduct the direct push work. This includes preparation of project documents such as the Sampling and Analysis Plan (SAP) and Quality Assurance Project Plan (QAPP). This PWS requires collection of groundwater samples for volatile organic compound (VOC) analysis. The contractor shall conduct or arrange to conduct the sampling using direct push technology and sample analysis. When data are available, the contractor shall prepare and submit to EPA a Data Summary Report.

VI. **Objective/Purpose**

The purpose of the PWS is for the contractor to conduct sampling using direct push technology and collect sufficient data to allow EPA to evaluate the site to determine the corrective action required to protect human health and the environment. This work includes preparing a SAP and QAPP for EPA review and approval, obtaining access to complete the work, clearing utilities at all sample locations, conducting the field work using direct push technology to collect groundwater samples at and around the facility, analyzing samples, and preparing a data report of results/findings. EPA is responsible for making all final conclusions and recommendations.

VII. **Assumptions and Constraints**

The contractor shall provide a person with a high level of knowledge and experience in designing and conducting investigations using direct push technology, including preparation of sampling plans. The contractor shall provide equipment capable of collecting project specific samples using direct push technology. The contractor shall arrange for a laboratory to conduct the project work.

The contractor must have a good working knowledge of the current applicable federal hazardous waste regulations, with emphasis on 40 CFR 264 Subpart F and 40 CFR 270 regulations. Contractors must have expert knowledge of hydrogeological site characterizations, the design and construction of groundwater monitoring systems, groundwater sampling, waste characteristics, solute transport, RCRA regulations and environmental risk assessment.

**The work under this contract is considered 100% moderate complexity.**

VIII. **Scope**

The contractor shall provide the personnel, services, materials, and equipment necessary to conduct the PWS work at the below EPA lead or joint (both EPA and state) lead project sites in Missouri. The TOCOR will provide separate notice to the contractor to begin work for each of the following projects:

- a. University of Missouri – Columbia (MOD006326904), EPA Project Manager – Mary Grisolano (913) 551-7657, [grisolano.mary@epa.gov](mailto:grisolano.mary@epa.gov): Chemical release at and near the University Garage has led to groundwater contamination in the area surrounding the garage. Benzene was measured in one area monitoring well at 10,000 micrograms per liter. Additional groundwater data are required to determine the extent of contamination at and near the University Garage. The estimated scope of this project is the collection of up to 10 groundwater samples for VOC analysis using a method comparable to SW-846 8260. The

groundwater sample depth is anticipated to be approximately 15 feet, but no more than 25 feet.

- b. City Environmental, Kansas City, Missouri (MOD981706856), EPA Project Manager – Cynthia Hutchison (913) 551-7478, [hutchison.cynthia@epa.gov](mailto:hutchison.cynthia@epa.gov): Source removal and capping took care of soil contamination. Groundwater remains contaminated above clean up targets. Additional groundwater investigation needs to be conducted. The contractor shall work with EPA project manager to determine groundwater sample locations to confirm rate and extent of contamination. The constituents of concern (COC) are benzene, ethylbenzene, naphthalene, chloroform, n-propylbenzene, 4-chlorotoluene, toluene, tetrachloroethene and 1,3,5-trimethylbenzene. The estimated scope of this project is the collection of up to 10 groundwater samples for VOC analysis using a method comparable to SW-846 8260. The groundwater sample depth is anticipated to be approximately 14 feet, but no more than 25 feet.

The cost of Tasks 1, 2, 3, 4, 5, and 6 are assumed to be approximately the same for each of the two projects listed above. Therefore, the attached estimate includes a multiple of two times each project. For example, Task one estimate is 20 hours for a senior engineer for each individual project for an overall project total of 40 hours.

In implementing the scope of work, the Contactor shall perform the following tasks.

#### **Task 1 – Initial start-up activities and Site Visit**

The TOCOR will provide notice to begin a project described in VIIIa. and b. Upon such notice and for that particular site, the contractor shall meet with the TOCOR and/or the EPA project manager designated above within 14 calendar days of receiving TOCOR notice, to discuss the project objectives. At this time, a copy of any necessary project documents will be provided to the contractor. In depth file review will not be required by the contractor.

The contractor (and EPA project manager, if necessary) will visit the project site to identify anticipated sampling locations to determine if there are any issues with access or utilities and to gather any additional data/information necessary to complete the work in this PWS. Travel to and from the project site along with time to collect necessary data/information is anticipated to take no more than two working days.

#### **Task 2 – Prepare Sampling and Analysis Plan and Quality Assurance Project Plan**

The contractor shall prepare a draft Sampling and Analysis Plan (SAP) and Quality Assurance Project Plan (QAPP) in accordance with current EPA standards and guidance that outline the project work. The SAP/QAPP shall provide procedures for the collection, handling, and analysis of direct push samples by required media. The SAP/QAPP shall provide a schedule for conducting the project work. The QAPP shall be prepared in accordance with “EPA Requirements for Quality Assurance Project Plans” EPA QA/R-5, March 2001, and “Guidance for Quality Assurance Project Plans” EPA QA/G-5, December 2002. The QAPP must be reviewed and approved by the Region 7 Quality Assurance Manager prior to field activities.

The contractor shall submit to the TOCOR one electronic copy of the draft SAP/QAPP within 30 days of the date of the site visit conducted under Task 1. The contractor shall submit one written copy of this submittal within 5 days of the transmittal of the electronic copy. If the EPA project

manager has questions regarding the submittal, the contractor shall provide clarification directly to the EPA project manager by telephone or email.

### **Task 3 – Final SAP/QAPP**

The EPA project manager will provide comments on the draft SAP/QAPP to the contractor through the TOCOR. Within 21 days of receipt of comments on the draft SAP/QAPP, the contractor shall submit an electronic version of a revised SAP/QAPP to the TOCOR, with a written copy to follow within 5 days of this submittal. The revised plans shall incorporate/address all of the EPA project manager's comments. If the EPA project manager has questions regarding the submittal, the contractor shall provide clarification directly to the EPA project manager by telephone or email.

### **Task 4 – Conduct the Field Work in the EPA-approved SAP/QAPP**

Following receipt of EPA approval of the SAP/QAPP, the contractor shall coordinate and conduct the investigation in accordance with the SAP/QAPP. Samples shall be delivered to the contractor-specified laboratory within the required holding times. The contractor shall notify EPA of any deviation from the EPA-approved SAP/QAPP prior to implementation of the deviation. The contractor shall conduct all field activities, and be responsible for attaining permission for property access and utility clearance for all sample locations at the project site.

Sample tools, field instrumentation and decontamination material shall be provided by the contractor. The contractor cost shall include management of all investigation derived wastes; assume, for the purpose of cost estimation, that all drill cuttings and decontamination fluids will be managed on-site and that used personal protective equipment (e.g., nitrile gloves) and disposable sampling equipment will be disposed appropriately by the contractor. Contractor responsibilities will include, but are not limited to, the following:

- 1) Proper implementation of the approved QAPP and SAPs and documentation of quality assurance and quality control procedures. Where the contractor determines significant deviations from the approved plans may be warranted based on field conditions or observations, the contractor should make reasonable efforts to obtain the EPA project manager's and TOCOR's verbal concurrence for the proposed deviation.
- 2) Coordination with the laboratory to arrange for sample analyses, supply of sample containers and preservatives, and to schedule sample shipment from the field or delivery directly to the laboratory.
- 3) Obtaining sampling equipment from laboratory.
- 4) Collecting and documenting samples, including maintaining a logbook to record sample collection and field measurements and observations, photographic documentation of all samples collected and recording Global Positioning System (GPS) coordinates (accurate to within +/- 10 feet) for all field sample locations.
- 5) Shipment to or delivery of samples to the laboratory.

All contractor personnel involved with sampling activities will be proficient in the operation of sampling and health and safety monitoring equipment and associated operating procedures. Samples will be analyzed for site-specific constituents listed in the approved QAPP and SAP.

Each project, i.e., VIIIa. and b., requires direct push at ten locations, which is assumed to take two long days of field work plus mobilization.

#### **Task 5 – Laboratory Analysis**

The contractor will arrange for a laboratory to provide chemical analysis of project samples and determine the cost of analysis. The contractor shall provide oversight of laboratory analysis and data validation.

SCOPE: The analytical scope for both projects is ten groundwater samples for VOC analysis. The analytical cost should include that for both projects and should also include shipping and handling of samples.

#### **Task 6 – Final Documents**

The contractor shall receive and compile the analytical results for the project in report format. The data shall be reported in tabular format with non-detect values reported with a quantitation/detection limit value. The contractor shall provide a narrative description of the field activities, including the number and type of samples collected, the date and time of sample collection, a figure detailing the sample locations, figures portraying results, depths to groundwater, GPS coordinates of sample locations, and the tabular results of samples collected, along with a comparison to the most recent EPA generic media-specific human health screening concentration tables found at [http://www.epa.gov/reg3hwmd/risk/human/rb-concentration\\_table/Generic\\_Tables/index.htm](http://www.epa.gov/reg3hwmd/risk/human/rb-concentration_table/Generic_Tables/index.htm). No further evaluation of data is required. Deviations from the sampling plan shall be reported; that is, where samples could not be collected, where locations may have changed, where deviations in sampling procedures occurred, etc.

The contractor shall submit to the TOCOR one electronic copy of the data report within 45 days of the last day that samples were collected. The contractor shall submit one written copy of this submittal within 5 days of the transmittal of the electronic copy. If the EPA project manager has questions regarding the submittal, the contractor shall provide clarification directly to the EPA project manager by telephone or email.

If necessary, the EPA project manager will provide comments through the TOCOR on the data report. Within 21 days of receipt of comments on the draft data report, the contractor shall submit to the TOCOR an electronic version of a revised data report, with a written copy to follow within 5 days of this submittal. The revised report shall incorporate/address all of the EPA project manager's comments. If the EPA project manager has questions regarding the submittal, the contractor shall provide clarification directly to the EPA project manager by telephone or email.

### **IX. Performance Measures and Quality Assurance**

The contractor shall provide PWS submittals in accordance with applicable laws, regulations, policies, guidance, and direction provided in the individual PWSs. This support shall be tailored to the needs of, and be consistent with, the policies and guidance of the specific office being supported. This support shall meet or exceed professional industry standards.

The contractor shall be adequately prepared before going into the field, including but not limited to: appropriate field staff with required training and knowledge, appropriate field equipment (direct push technology with project specific sampling equipment, field laboratory with project specific

analytical equipment, personal protective gear, surveillance equipment, etc.), familiarity with site conditions, and requirements of applicable plans. The contractor shall use detailed logbooks and photographs to support observations and activities in the field.

The contractor shall coordinate and integrate all activity needed to provide the required support (e.g., problem identification/resolution strategy; responses to inquiries, and/or technical, service, administrative issues, etc.) in a timely, complete and effective manner. The contractor shall use QA monitoring tools to ensure technical support and deliverables meet contract and PWS requirements.

Deliverables or technical support shall demonstrate that relevant information and documentation was considered when developing PWS submittals. Deliverables shall include the rationale behind any findings, conclusions or recommendations.

Deliverables shall meet the schedule and cost presented in the PWS. Written deliverables shall reflect a good command of the English language, be well-organized, and free of grammatical errors, misspellings and incomplete sentences. As required, written deliverables shall also have high-quality professional graphics. Preparation and printing of materials shall be in accordance with GPO guidelines.

The contractor shall utilize staff with the appropriate level of education and work experience to meet the PWS requirements. Specialized and/or expert staff must meet the minimum requirements as identified in the individual PWSs. Contractor staff shall demonstrate a high level of professionalism.

The contractor shall propose performance measures related to quality and timeliness of deliverables. The contractor shall propose the quality assurance systems and methods for periodic measurement, collection and reporting of its performance data.

#### **X. Technical Direction**

The project sites covered by this PWS are managed by two EPA project managers. The TOCOR is not intimately familiar with the details of each facility, and cannot therefore provide all necessary technical direction to the contractor to support completion of the tasks under this PWS. The contractor is authorized to directly contact the EPA project manager identified in this PWS to obtain technical direction (as defined below) specific to the project site managed by that person. If the contractor has any doubt whether or not the technical direction provided by the EPA project manager is within the scope of the contract and/or the PWS, the contractor must contact the TOCOR for clarification prior to acting on the technical direction. Technical direction from an EPA project manager which results in the contractor performing work outside the scope of the contract and/or the PWS, and which was not confirmed with the TOCOR prior to performing that work, will not be reimbursed under this PWS.

The TOCOR and the EPA project managers identified in this PWS are authorized to provide technical direction which clarifies the PWS. Technical direction must be within the scope of the contract and the PWS. Technical direction is instruction to the contractor that approves approaches, solutions, designs, or refinements; fills in details; completes the general description of work or documentation items; shifts emphasis among work areas or tasks; or provides similar

guidance. The EPA project manager will work with the contractor to determine the project specific sampling requirements. The sample locations in the final SAP/QAPP shall be as approved by EPA. Technical direction includes evaluation of contractor performance and comments on deliverables.

The TOCOR and the EPA project managers identified in this PWS shall issue technical direction in writing or confirm in writing within five (5) calendar days after verbal issuance. The TOCOR shall forward copies of the technical direction to the Contracting Officer (CO) and RTOCOR.

The CO is the only person authorized to make changes to the TO or contract. Any changes to the TO scope, period of performance or deliverable due dates must be approved by the CO in writing.

## **XI. Schedule of Deliverables**

### **SUMMARY OF DELIVERABLES AND DUE DATES**

1. Draft Sampling and Analysis Plan (SAP) and Quality Assurance Project Plan (QAPP) one electronic copy within 30 days of initial start up meeting and one written copy within 5 days of transmittal of the electronic copy.
2. Revised SAP/QAPP in electronic format within 21 days of receipt of comments on the draft SAP/QAPP with a written copy to follow within 5 days of submittal of the electronic copy.
3. Data Report in electronic format within 45 days of the last day that samples were collected, with a written copy to be submitted within 5 days of the transmittal of the electronic copy.
4. Revised Data Report in electronic format within 21 days of receipt of comments on the draft data report, with a written copy to follow within 5 days of this submittal.

\*Note: All days are calendar days unless otherwise specified.

## **XII. Special Conditions**

### **Contractor Personnel Qualifications**

Each contractor must have a good working knowledge of the current applicable federal hazardous waste and used oil regulations. The contractor shall provide a person with expertise in designing and conducting direct push investigations. The contractor shall provide the TOCOR with resumes of all personnel conducting work under this PWS. At the discretion of the TOCOR, contractors may be interviewed by the TOCOR prior to issuance of Letters of Authorization. Any contractor so interviewed by the TOCOR must verbally demonstrate the knowledge and skills required above to the satisfaction of the TOCOR.

Each contractor must also have completed the Region 7 non-TSCA CBI training. All personnel assisting with inspections and work requested under the PWS must be authorized by EPA Region 7 for the handling of RCRA CBI and must handle such information in accordance with the Region 7 protocol and 40 CFR Part 2.

#### Contractor Personnel Availability

Contractor personnel shall be available to answer questions over the telephone (or in a meeting if more efficient and cost effective) from the TOCOR or applicable EPA project manager regarding the PWS work.

#### Correspondence

All correspondence pertaining to work conducted under this PWS shall be directed through the TOCOR for this PWS: Mrs. Mary Grisolano, U.S. EPA Region 7, AWMD/WRAP/MIRP, 11201 Renner Boulevard, Lenexa, Kansas, 66219; (913) 551-7657, [grisolano.mary@epa.gov](mailto:grisolano.mary@epa.gov)

EP-W-13-001 TASK ORDER 0018 MOD SUMMARY

Mod #	Reason For Modification	Award Date	Obligation	Total Amount
BASE		9/6/2013	\$48,729.00	\$48,729.15
009	Close Out	4/26/2017	(\$7,264.70)	\$0.00
008	Funding Only Action	8/26/2015	\$0.00	\$0.00
007	Funding Only Action	8/24/2015	\$0.00	\$0.00
006	Exercise an Option	8/3/2015	\$0.00	\$0.00
005	Funding Only Action	10/17/2014	\$0.00	\$0.00
004	Funding Only Action	10/9/2014	(\$4,563.88)	(\$4,564.03)
003	Funding Only Action	7/23/2014	\$14,147.36	\$14,147.36
002	Other Administrative Action	3/21/2014	\$0.00	\$0.00
001	Funding Only Action	3/18/2014	\$0.00	\$0.00
				<b>\$58,312.48</b>

# ORDER FOR SUPPLIES OR SERVICES

PAGE OF PAGES

1

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IMPORTANT: Mark all packages and papers with contract and/or order numbers.

1. DATE OF ORDER 09/12/2013		2. CONTRACT NO. (If any) EP-W-13-001		6. SHIP TO:	
3. ORDER NO. 0019		4. REQUISITION/REFERENCE NO. PR-R7-13-00482		a. NAME OF CONSIGNEE R7	
5. ISSUING OFFICE (Address correspondence to) SRRPOD US Environmental Protection Agency Ariel Rios Building 1200 Pennsylvania Avenue, N. W. Mail Code: 3805R Washington DC 20460				b. STREET ADDRESS 11201 Renner Blvd.	
				c. CITY Lenexa	e. ZIP CODE 66219
7. TO: HEATHER TEED				f. SHIP VIA	
a. NAME OF CONTRACTOR BOOZ ALLEN HAMILTON INC.				8. TYPE OF ORDER	
b. COMPANY NAME				<input type="checkbox"/> a. PURCHASE <input checked="" type="checkbox"/> b. DELIVERY	
c. STREET ADDRESS 8283 GREENSBORO DRIVE 7039172337				REFERENCE YOUR:  Please furnish the following on the terms and conditions specified on both sides of this order and on the attached sheet, if any, including delivery as indicated.	
d. CITY MCLEAN		e. STATE VA	f. ZIP CODE 221023838		
9. ACCOUNTING AND APPROPRIATION DATA See Schedule				10. REQUISITIONING OFFICE SRRPOD	

11. BUSINESS CLASSIFICATION (Check appropriate box(es))				12. F.O.B. POINT Destination	
<input type="checkbox"/> a. SMALL	<input checked="" type="checkbox"/> b. OTHER THAN SMALL	<input type="checkbox"/> c. DISADVANTAGED	<input type="checkbox"/> d. WOMEN-OWNED	<input type="checkbox"/> e. HUBZone	
<input type="checkbox"/> f. SERVICE-DISABLED VETERAN-OWNED	<input type="checkbox"/> g. WOMEN-OWNED SMALL BUSINESS (WOSB) ELIGIBLE UNDER THE WOSB PROGRAM		<input type="checkbox"/> h. EDWOSB		

13. PLACE OF		14. GOVERNMENT B/L NO.		15. DELIVER TO F.O.B. POINT ON OR BEFORE (Date)		16. DISCOUNT TERMS	
a. INSPECTION Destination	b. ACCEPTANCE Destination						

## 17. SCHEDULE (See reverse for Rejections)

ITEM NO. (a)	SUPPLIES OR SERVICES (b)	QUANTITY ORDERED (c)	UNIT (d)	UNIT PRICE (e)	AMOUNT (f)	QUANTITY ACCEPTED (g)
	DUNS Number: 006928857 Combustion Risk Evaluation Assessment (Non-IOWA) Region 7  This action hereby issues Time & Materials Continued ...					

SEE BILLING INSTRUCTIONS ON REVERSE	18. SHIPPING POINT		19. GROSS SHIPPING WEIGHT		20. INVOICE NO.		17(h) TOTAL (Cont. pages)
	21. MAIL INVOICE TO:						
	a. NAME RTP Finance Center						\$66,125.89
	b. STREET ADDRESS (or P.O. Box) US Environmental Protection Agency RTP-Finance Center Mail Drop D143-02 109 TW Alexander Drive						
c. CITY Durham				d. STATE NC	e. ZIP CODE 27711		17(i) GRAND TOTAL

22. UNITED STATES OF AMERICA BY (Signature)

23. NAME (Typed)  
Wallace Sermons  
TITLE: CONTRACTING/ORDERING OFFICER

**ORDER FOR SUPPLIES OR SERVICES**  
**SCHEDULE - CONTINUATION**

PAGE NO  
2

IMPORTANT: Mark all packages and papers with contract and/or order numbers.

DATE OF ORDER 09/12/2013	CONTRACT NO. EP-W-13-001	ORDER NO. 0019
-----------------------------	-----------------------------	-------------------

ITEM NO. (a)	SUPPLIES/SERVICES (b)	QUANTITY ORDERED (c)	UNIT (d)	UNIT PRICE (e)	AMOUNT (f)	QUANTITY ACCEPTED (g)
0001	<p>Task Order number 0019. The contractor's task order proposal submitted August 28, 2013 is hereby approved and incorporated by reference in the amount of \$66,125.89 (authorized TO ceiling). This action also fully funds this TO in the amount of \$66,125.89 (obligated TO ceiling) which the contractor is not authorized to exceed.</p> <p>Ken Hertowski is appointed as the Task Order Contracting Officer's Representative (TOCOR). The Invoice Approving Official under this task order is Aaron Zimmerman. The work under this task order is severable. All other terms and conditions are hereby incorporated by reference from the parent Contract (EP-W-13-001).</p> <p>TOPO: Ken Hertowski Max Expire Date: 12/31/2014 Admin Office: SRRPOD US Environmental Protection Agency Ariel Rios Building 1200 Pennsylvania Avenue, N. W. Mail Code: 3805R Washington DC 20460</p> <p>Accounting Info: 13-14-B-07LJ-303D99-2505---1307L93023-001 BFY: 13 EFY: 14 Fund: B Budget Org: 07LJ Program (PRC): 303D99 Budget (BOC): 2505 DCN - Line ID: 1307L93023-001 Period of Performance: 09/12/2013 to 12/31/2014</p> <p>Base Period</p>				66,125.89	

TOTAL CARRIED FORWARD TO 1ST PAGE (ITEM 17(H))

\$66,125.89

<b>AMENDMENT OF SOLICITATION/MODIFICATION OF CONTRACT</b>				1. CONTRACT ID CODE		PAGE OF PAGES	
						1 3	
2. AMENDMENT/MODIFICATION NO.		3. EFFECTIVE DATE		4. REQUISITION/PURCHASE REQ. NO.		5. PROJECT NO. (If applicable)	
001		See Block 16C					
6. ISSUED BY		CODE		7. ADMINISTERED BY (If other than Item 6)		CODE	
SRRPOD							
US Environmental Protection Agency Ariel Rios Building 1200 Pennsylvania Avenue, N. W. Mail Code: 3805R Washington DC 20460							
8. NAME AND ADDRESS OF CONTRACTOR (No., street, county, State and ZIP Code)				(x)			
BOOZ ALLEN HAMILTON INC. Attn: HEATHER TEED 8283 GREENSBORO DRIVE 7039172337 MCLEAN VA 221023838							
				9A. AMENDMENT OF SOLICITATION NO.			
				9B. DATED (SEE ITEM 11)			
				x 10A. MODIFICATION OF CONTRACT/ORDER NO. EP-W-13-001 0019			
				10B. DATED (SEE ITEM 13) 09/12/2013			
CODE 006928857		FACILITY CODE					
<b>11. THIS ITEM ONLY APPLIES TO AMENDMENTS OF SOLICITATIONS</b>							
<input type="checkbox"/> The above numbered solicitation is amended as set forth in Item 14. The hour and date specified for receipt of Offers <input type="checkbox"/> is extended. <input type="checkbox"/> is not extended. Offers must acknowledge receipt of this amendment prior to the hour and date specified in the solicitation or as amended, by one of the following methods: (a) By completing Items 8 and 15, and returning _____ copies of the amendment; (b) By acknowledging receipt of this amendment on each copy of the offer submitted; or (c) By separate letter or telegram which includes a reference to the solicitation and amendment numbers. FAILURE OF YOUR ACKNOWLEDGEMENT TO BE RECEIVED AT THE PLACE DESIGNATED FOR THE RECEIPT OF OFFERS PRIOR TO THE HOUR AND DATE SPECIFIED MAY RESULT IN REJECTION OF YOUR OFFER. If by virtue of this amendment you desire to change an offer already submitted, such change may be made by telegram or letter, provided each telegram or letter makes reference to the solicitation and this amendment, and is received prior to the opening hour and date specified.							
12. ACCOUNTING AND APPROPRIATION DATA (If required)				Net Decrease:		-\$66,125.89	
See Schedule							
<b>13. THIS ITEM ONLY APPLIES TO MODIFICATION OF CONTRACTS/ORDERS. IT MODIFIES THE CONTRACT/ORDER NO. AS DESCRIBED IN ITEM 14.</b>							
CHECK ONE	A. THIS CHANGE ORDER IS ISSUED PURSUANT TO: (Specify authority) THE CHANGES SET FORTH IN ITEM 14 ARE MADE IN THE CONTRACT ORDER NO. IN ITEM 10A.						
	B. THE ABOVE NUMBERED CONTRACT/ORDER IS MODIFIED TO REFLECT THE ADMINISTRATIVE CHANGES (such as changes in paying office, appropriation date, etc.) SET FORTH IN ITEM 14, PURSUANT TO THE AUTHORITY OF FAR 43.103(b).						
	C. THIS SUPPLEMENTAL AGREEMENT IS ENTERED INTO PURSUANT TO AUTHORITY OF:						
X	D. OTHER (Specify type of modification and authority) Clause B.8 LIMITATION OF GOVERNMENT'S OBLIGATIONS UNDER TASK ORDERS						
<b>E. IMPORTANT:</b> Contractor <input checked="" type="checkbox"/> is not. <input type="checkbox"/> is required to sign this document and return _____ copies to the issuing office.							
14. DESCRIPTION OF AMENDMENT/MODIFICATION (Organized by UCF section headings, including solicitation/contract subject matter where feasible.)							
DUNS Number: 006928857							
Combustion Risk Evaluation Assessment (Non-IOWA)							
Region 7							
The Purpose of this Modification is to de-obligate funds from the Base Period in the amount of \$66,125.89.							
All other terms and conditions of the contract remain unchanged and in full force and effect.							
Note to RTP: Any reference to Option Period(s)pertain(s)to the Contract Option Period NOT Continued ...							
Except as provided herein, all terms and conditions of the document referenced in Item 9 A or 10A, as heretofore changed, remains unchanged and in full force and effect.							
15A. NAME AND TITLE OF SIGNER (Type or print)				16A. NAME AND TITLE OF CONTRACTING OFFICER (Type or print)			
				Susan Neiheisel			
15B. CONTRACTOR/OFFEROR		15C. DATE SIGNED		16B. UNITED STATES OF AMERICA		16C. DATE SIGNED	
(Signature of person authorized to sign)				ELECTRONIC SIGNATURE _____ (Signature of Contracting Officer)		02/14/2017	

## CONTINUATION SHEET

REFERENCE NO. OF DOCUMENT BEING CONTINUED  
EP-W-13-001/0019/001PAGE OF  
2 3NAME OF OFFEROR OR CONTRACTOR  
BOOZ ALLEN HAMILTON INC.

ITEM NO. (A)	SUPPLIES/SERVICES (B)	QUANTITY (C)	UNIT (D)	UNIT PRICE (E)	AMOUNT (F)
	<p>the Compass Data Warehouse (CDW).</p> <p>TOCOR: Susan Neiheisel Max Expire Date: 12/31/2014</p> <p>LIST OF CHANGES:</p> <p>Reason for Modification : Funding Only Action</p> <p>Total Amount for this Modification: -\$66,125.89</p> <p>New Total Amount for this Version: \$0.00</p> <p>New Total Amount for this Award: \$0.00</p> <p>Obligated Amount for this Modification:</p> <p>-\$66,125.89</p> <p>New Total Obligated Amount for this Award: \$0.00</p> <p>Buyer changed</p> <p>from Wallace Sermons</p> <p>to Althea Paul</p> <p>Contracting Officer changed</p> <p>from Wallace Sermons</p> <p>to Susan Neiheisel</p> <p>TOCOR (Task Order Contracting Officer's Representative) changed to : Susan Neiheisel</p> <p>CHANGES FOR LINE ITEM NUMBER: 1</p> <p>Total Amount changed</p> <p>from \$66,125.89 to \$0.00</p> <p>Obligated Amount for this modification:</p> <p>-\$66,125.89</p> <p>Incrementally Funded through date of 02/14/2017 is added</p> <p>CHANGES FOR DELIVERY LOCATION: R7</p> <p>Amount changed from \$66,125.89 to \$0.00</p> <p>CHANGES FOR ACCOUNTING CODE:</p> <p>13-14-B-07LJ-303D99-2505---1307L93023-001</p> <p>Amount changed from \$66,125.89 to \$0.00</p> <p>Percent changed from 100 to 0</p> <p>Delivery Location Code: R7</p> <p>R7</p> <p>11201 Renner Blvd.</p> <p>Lenexa KS 66219 USA</p> <p>Continued ...</p>				

NAME OF OFFEROR OR CONTRACTOR  
 BOOZ ALLEN HAMILTON INC.

ITEM NO. (A)	SUPPLIES/SERVICES (B)	QUANTITY (C)	UNIT (D)	UNIT PRICE (E)	AMOUNT (F)
	Payment: RTP Finance Center US Environmental Protection Agency RTP-Finance Center (D143-02) 109 TW Alexander Drive Durham NC 27711 FOB: Destination Period of Performance: 09/12/2013 to 12/31/2014				

# ORDER FOR SUPPLIES OR SERVICES

PAGE OF PAGES

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IMPORTANT: Mark all packages and papers with contract and/or order numbers.

1. DATE OF ORDER 09/19/2013		2. CONTRACT NO. (If any) EP-W-13-001		6. SHIP TO: a. NAME OF CONSIGNEE Region 10	
3. ORDER NO. 0020		4. REQUISITION/REFERENCE NO. PR-R0-13-00308			
5. ISSUING OFFICE (Address correspondence to) SRRPOD US Environmental Protection Agency Ariel Rios Building 1200 Pennsylvania Avenue, N. W. Mail Code: 3805R Washington DC 20460				b. STREET ADDRESS US Environmental Protection Agency 1200 Sixth Avenue, Suite 900	
				c. CITY Seattle	e. ZIP CODE 98101
7. TO: HEATHER TEED				f. SHIP VIA	
a. NAME OF CONTRACTOR BOOZ ALLEN HAMILTON INC.				8. TYPE OF ORDER	
b. COMPANY NAME				<input type="checkbox"/> a. PURCHASE <input checked="" type="checkbox"/> b. DELIVERY REFERENCE YOUR: _____ Please furnish the following on the terms and conditions specified on both sides of this order and on the attached sheet, if any, including delivery as indicated.	
c. STREET ADDRESS 8283 GREENSBORO DRIVE 7039172337				Except for billing instructions on the reverse, this delivery order is subject to instructions contained on this side only of this form and is issued subject to the terms and conditions of the above-numbered contract.	
d. CITY MCLEAN		e. STATE VA	f. ZIP CODE 221023838		
9. ACCOUNTING AND APPROPRIATION DATA See Schedule				10. REQUISITIONING OFFICE SRRPOD	

11. BUSINESS CLASSIFICATION (Check appropriate box(es)) <input type="checkbox"/> a. SMALL <input checked="" type="checkbox"/> b. OTHER THAN SMALL <input type="checkbox"/> c. DISADVANTAGED <input type="checkbox"/> d. WOMEN-OWNED <input type="checkbox"/> e. HUBZone <input type="checkbox"/> f. SERVICE-DISABLED VETERAN-OWNED <input type="checkbox"/> g. WOMEN-OWNED SMALL BUSINESS (WOSB) ELIGIBLE UNDER THE WOSB PROGRAM <input type="checkbox"/> h. EDWOSB				12. F.O.B. POINT Destination	
13. PLACE OF a. INSPECTION Destination		b. ACCEPTANCE Destination		14. GOVERNMENT B/L NO.	
				15. DELIVER TO F.O.B. POINT ON OR BEFORE (Date)	
				16. DISCOUNT TERMS	

## 17. SCHEDULE (See reverse for Rejections)

ITEM NO. (a)	SUPPLIES OR SERVICES (b)	QUANTITY ORDERED (c)	UNIT (d)	UNIT PRICE (e)	AMOUNT (f)	QUANTITY ACCEPTED (g)
	DUNS Number: 006928857 Nu-West Industries RCRA 3013 Investigation Region 10  This action hereby issues Time & Materials Task Order number 0020. The contractor's Continued ...					

SEE BILLING INSTRUCTIONS ON REVERSE	18. SHIPPING POINT		19. GROSS SHIPPING WEIGHT		20. INVOICE NO.		17(h) TOTAL (Cont. pages)
	21. MAIL INVOICE TO:						
	a. NAME RTP Finance Center						\$25,000.00
	b. STREET ADDRESS (or P.O. Box) US Environmental Protection Agency RTP-Finance Center Mail Drop D143-02 109 TW Alexander Drive						
c. CITY Durham				d. STATE NC	e. ZIP CODE 27711		17(i) GRAND TOTAL

22. UNITED STATES OF AMERICA BY (Signature)

23. NAME (Typed)  
Wallace Sermons  
TITLE: CONTRACTING/ORDERING OFFICER

**ORDER FOR SUPPLIES OR SERVICES**  
**SCHEDULE - CONTINUATION**

PAGE NO

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IMPORTANT: Mark all packages and papers with contract and/or order numbers.

DATE OF ORDER 09/19/2013	CONTRACT NO. EP-W-13-001	ORDER NO. 0020
-----------------------------	-----------------------------	-------------------

ITEM NO. (a)	SUPPLIES/SERVICES (b)	QUANTITY ORDERED (c)	UNIT (d)	UNIT PRICE (e)	AMOUNT (f)	QUANTITY ACCEPTED (g)
0001	<p>technical approach submitted September 11, 2013 is hereby approved in the amount of \$64,437.86(authorized TO ceiling). This action also incrementally funds this TO in the amount of \$25,000.00 (obligated TO ceiling) which the contractor is not authorized to exceed.</p> <p>Kira Lynch is appointed as the Task Order Contracting Officer's Representative (TOCOR). The Invoice Approving Official under this task order is Amberet Green. The work under this task order is non-severable. All other terms and conditions are hereby incorporated by reference from the parent Contract (EP-W-13-001).</p> <p>TOPO: Kira Lynch Max Expire Date: 12/31/2014 Admin Office: SRRPOD US Environmental Protection Agency Ariel Rios Building 1200 Pennsylvania Avenue, N. W. Mail Code: 3805R Washington DC 20460</p> <p>Accounting Info: 13-14-B-10J00EN-501E44-2505---1310JER002-001 BFY: 13 EFY: 14 Fund: B Budget Org: 10J00EN Program (PRC): 501E44 Budget (BOC): 2505 DCN - Line ID: 1310JER002-001 Period of Performance: 09/19/2013 to 12/31/2014</p> <p>Base Period</p>				25,000.00	

TOTAL CARRIED FORWARD TO 1ST PAGE (ITEM 17(H))

\$25,000.00

**Nu-West Industries**  
**POP: Section 1 and 2**  
**Section 1: TO issuance to 12/31/13 (Base), and**  
**Section 2: 1/1/14 to 12/31/14 (OPT-1)**

**CONTRACT NUMBER: EP-W-13-001**  
**CONTRACT NAME: REPA 5**  
**CONTRACTOR NAME: BOOZ-ALLEN & HAMILTON**  
**TASK ORDER: 0020**

## **I. Title**

### **Nu-West Industries RCRA 3013 Investigation**

Nu-West Industries Facility  
RI Work Plan Review and Implementation  
Administrative Order on Consent RCRA 3013 Investigation

## **II. Contract Officer Representatives**

EPA Regional Task Order Contract Officer Representative (RTOCOR)  
Amberet Green, Resource and RCRA State Programs Unit  
1200 – 6<sup>th</sup> Avenue, Suite 900, AWT-122  
Seattle, WA 98101  
[Green.amberet@EPA.gov](mailto:Green.amberet@EPA.gov)  
Work: (206) 553-0784  
Fax: (206) 553-8509

EPA Task Order Contract Officer Representative (TOCOR)  
Kira Lynch, Office of Research and Development  
1200 – 6<sup>th</sup> Avenue, Suite 900, OEA-095  
Seattle, WA 98101  
[Lynch.kira@epa.gov](mailto:Lynch.kira@epa.gov)  
(206) 553-2144  
Fax: (206) 553-0124

## **III. AUTHORIZATION**

This Performance Work Statement (PWS) is in accordance with Tasks 1 and 2 of the REPA5 Zone III Contract PWS.

## **Nu-West Industries**

### **POP: Section 1 and 2**

**Section 1: TO issuance to 12/31/13 (Base), and**

**Section 2: 1/1/14 to 12/31/14 (OPT-1)**

#### **IV. Period of Performance**

The period of performance for this Task Order (TO) is as follows:

Section 1: from TO date of issuance to 12/31/13 (Base)

Section 2: from 1/1/14 to 1/31/14

#### **V. Background**

The Nu-West Industries Conda Phosphate Operations (Nu-West CPO) site is located in Southeastern Idaho, 8 miles north of Soda Springs, Idaho. The Nu-West CPO site includes a phosphate ore processing plant; a phosphoric acid manufacturing plant; a sulfuric acid manufacturing plant; a dry granulated product production plant; and several surface impoundments into which various wastes are disposed of. A manufacturing facility has been operating at this site since the 1950s.

The Nu-West CPO Plant produces several products including different grades of solid and liquid fertilizers. The raw materials for their processes are phosphate ore, which is transported to the plant via rail car, sulfur, sulfuric acid, air, ammonia, water and natural gas. The primary waste or by-product from the Nu-West CPO Plant is phosphogypsum (gypsum) which is transported to large unlined stacks south of the processing plant. The plant processes phosphate rock by reacting it with sulfuric acid to produce phosphoric acid and by-product gypsum (calcium sulfate). The phosphoric acid is used to make various grades of fertilizer or is concentrated to produce stronger acids which are feed stocks to subsequent production lines. A system of bag-houses and scrubbers are used to control air emissions. The gypsum is slurried with water and transported as waste to gypsum stacks to the west of the processing facility. Other process waters are collected and discharged into two ponds.

One of the gypsum stacks is unlined. There have been past spills and releases of hazardous wastes and other chemicals onto the ground. Groundwater at the Nu-West CPO facility is impacted by plant operations.

Nu-West Industries entered into an Administrative Order on Consent (AOC), issued pursuant to Section 3013 of RCRA. The AOC was issued by EPA on June 24, 2009.

The AOC requires Nu-West Industries, among other things, to carry out a investigation to characterize the source(s) of contamination; characterize the potential pathways of contamination migration; define the degree and extent of contamination; and identify actual or potential human and/or ecological receptors to fully determine the nature and extent of the presence and/or release of hazardous wastes at or from the facility.

Nu-West Industries has been carrying out environmental surveys at the facility since June 2010

## **Nu-West Industries**

### **POP: Section 1 and 2**

#### **Section 1: TO issuance to 12/31/13 (Base), and**

#### **Section 2: 1/1/14 to 12/31/14 (OPT-1)**

through a series of work plans. The Updated Supplemental Work Plan, dated July 5, 2013 details much of the work that Nu-West CPO is presently carrying out. This includes installation of more than 30 groundwater monitoring wells in 2013.

A remedy has not been selected for this site.

## **VI. OBJECTIVE**

The purpose of this PWS is to obtain contractor assistance to conduct oversight of the groundwater investigation required at the Nu-West CPO Site and to support review of hydro-geological data generated and submitted by Nu-West Industries. This may include review of proposals for establishment of a reliable groundwater monitoring system, capable of detecting violations of applicable water quality standards.

## **VII. ASSUMPTIONS AND CONSTRAINTS**

The contractor shall provide personnel, services, materials, and supplies necessary to review and comment on the environmental reports, including both groundwater and hydro-geological data deliverables. The contractor shall be familiar with RCRA investigations, the phosphoric acid production manufacturing processes, hazardous materials manufactured and wastes generated at the facility, and the hydro-geology of southeast Idaho. Reviews should include but are not limited to: a fatal flaw analysis of engineering designs, review of groundwater monitoring network designs, review of the plans and designs for conformance with current engineering standards and best engineering practices, advise on the ability of the plans and designs to meet the design criteria specified in the PWS, conformance of the deliverables to current EPA guidance and any negotiated AOC's, Consent Decrees, or agreements with EPA, and overall technical adequacy.

When requested by the TOCOR, the contractor shall provide a verbal estimate of the LOE and time frame required to complete the task.

## **VIII. SCOPE**

### **SECTION 1: Performance from TO issuance to 12/31/13 (Base)**

#### **SECTION 1, Task 1 – Nu-West Groundwater Investigation**

##### **SECTION 1, Subtask 1.1 - Quality Control/Quality Assurance**

The contractor shall perform quality control and assurance of deliverables.

##### **SECTION 1, Subtask 1.2 - Review Groundwater Data**

The contractor shall review draft groundwater monitoring reports, conceptual site models, and

**Nu-West Industries**

**POP: Section 1 and 2**

**Section 1: TO issuance to 12/31/13 (Base), and**

**Section 2: 1/1/14 to 12/31/14 (OPT-1)**

other hydro-geological data submitted by Nu-West.

**SECTION 1, Subtask 1.3- Nu-West Meeting Support**

The contractor shall participate in scoping meetings and/or conference calls with the facility and comment resolution meetings with the facility as requested by the EPA WAM.

**SECTION 2: Performance from 1/1/14 to 12/31/14 (Option 1)**

**SECTION 2, Task 1 – Nu-West Groundwater Investigation**

**SECTION 2, Task 1.1 - Quality Control/Quality Assurance**

The contractor shall perform quality control and assurance of deliverables.

**SECTION 2, Subtask 1.2 - Review Groundwater Data**

The contractor shall review draft groundwater monitoring reports, conceptual site models, and other hydro-geological data submitted by Nu-West.

**SECTION 2, Subtask 1.3 - Nu-West Meeting Support**

The contractor shall participate in scoping meetings and/or conference calls with the facility and comment resolution meetings with the facility as requested by the EPA WAM.

**IX. PERFORMANCE MEASURES AND QUALITY ASSURANCE**

The Contractor shall propose performance measures related to quality and timeliness of deliverables. The contractor shall propose the quality assurance systems and methods for periodic measurement, collection and reporting of its performance data.

The Contractor's deliverables will be inspected by the Government for acceptability. Unacceptable deliverables will be returned to the Contractor with comments and directions for necessary corrections or rework, as may be applicable.

**X. TECHNICAL DIRECTION**

The TOCOR is authorized to provide technical direction, which clarifies the PWS. Technical direction must be within the scope of the contract and the TO. Technical direction is instruction to the contractor that approves approaches, solutions, designs, or refinements; fills in details; completes the general description of work or documentation items; shifts emphasis among work areas or tasks; or provides similar guidance. It includes evaluation of contractor performance and

**Nu-West Industries**

**POP: Section 1 and 2**

**Section 1: TO issuance to 12/31/13 (Base), and**

**Section 2: 1/1/14 to 12/31/14 (OPT-1)**

comments on deliverables.

The TOCOR shall issue technical direction in writing or confirm in writing within five (5) calendar days after verbal issuance. The TOCOR shall forward copies of the technical direction to the Contracting Officer (CO) and RTOCOR.

The CO is the only person authorized to make changes to the TO or contract. Any changes to the TO scope, period of performance or deliverable due dates must be approved by the CO in writing.

**XI. SCHEDULE OF TASKS & DELIVERABLES FOR SECTIONS 1 AND 2**

The contractor shall perform/submit the following tasks and deliverables within the time frames established:

**Task 1 Nu-West Groundwater Investigation**

Subtask 1.1 Quality Assurance/Quality Control

Subtask 1.2 Review of Groundwater Data

Groundwater monitoring reports. . . . . 15 days after receipt of materials from EPA  
Conceptual site models. . . . . 15 days after receipt of materials from EPA  
Other hydro-geological data. . . . . 15 days after receipt of materials from EPA

Subtask 1.3 Meeting Support

Meetings. . . . . As scheduled by TOCOR

EP-W-13-001 TASK ORDER 0020

Mod #	Reason For Modification	Award Date	Obligation	Total Amount
BASE		9/19/2013	\$25,000.00	\$64,437.86
004	Funding Only Action	4/13/2016	(\$5,250.70)	\$0.00
003	Funding Only Action	9/14/2015	\$4,000.00	\$0.00
002	Funding Only Action	4/28/2015	\$5,000.00	\$0.00
001	Funding Only Action	2/3/2015	\$0.00	\$19,935.96
				<b>\$84,373.82</b>

# ORDER FOR SUPPLIES OR SERVICES

PAGE OF PAGES

1 9

IMPORTANT: Mark all packages and papers with contract and/or order numbers.

1. DATE OF ORDER 09/27/2013		2. CONTRACT NO. (If any) EP-W-13-001		6. SHIP TO: a. NAME OF CONSIGNEE Region 9	
3. ORDER NO. 0021		4. REQUISITION/REFERENCE NO. PR-R9-13-00550			
5. ISSUING OFFICE (Address correspondence to) SRRPOD US Environmental Protection Agency Ariel Rios Building 1200 Pennsylvania Avenue, N. W. Mail Code: 3805R Washington DC 20460				b. STREET ADDRESS US Environmental Protection Agency 75 Hawthorne Street	
				c. CITY San Francisco	e. ZIP CODE 94105
7. TO: HEATHER TEED				f. SHIP VIA	
a. NAME OF CONTRACTOR BOOZ ALLEN HAMILTON INC.				8. TYPE OF ORDER	
b. COMPANY NAME				<input type="checkbox"/> a. PURCHASE <input checked="" type="checkbox"/> b. DELIVERY REFERENCE YOUR: _____ Please furnish the following on the terms and conditions specified on both sides of this order and on the attached sheet, if any, including delivery as indicated.	
c. STREET ADDRESS 8283 GREENSBORO DRIVE 7039172337				Except for billing instructions on the reverse, this delivery order is subject to instructions contained on this side only of this form and is issued subject to the terms and conditions of the above-numbered contract.	
d. CITY MCLEAN		e. STATE VA	f. ZIP CODE 221023838		
9. ACCOUNTING AND APPROPRIATION DATA See Schedule				10. REQUISITIONING OFFICE SRRPOD	

11. BUSINESS CLASSIFICATION (Check appropriate box(es))				12. F.O.B. POINT Destination	
<input type="checkbox"/> a. SMALL <input checked="" type="checkbox"/> b. OTHER THAN SMALL <input type="checkbox"/> c. DISADVANTAGED <input type="checkbox"/> d. WOMEN-OWNED <input type="checkbox"/> e. HUBZone <input type="checkbox"/> f. SERVICE-DISABLED VETERAN-OWNED <input type="checkbox"/> g. WOMEN-OWNED SMALL BUSINESS (WOSB) ELIGIBLE UNDER THE WOSB PROGRAM <input type="checkbox"/> h. EDWOSB					
13. PLACE OF		14. GOVERNMENT B/L NO.		15. DELIVER TO F.O.B. POINT ON OR BEFORE (Date)	
a. INSPECTION Destination	b. ACCEPTANCE Destination				

## 17. SCHEDULE (See reverse for Rejections)

ITEM NO. (a)	SUPPLIES OR SERVICES (b)	QUANTITY ORDERED (c)	UNIT (d)	UNIT PRICE (e)	AMOUNT (f)	QUANTITY ACCEPTED (g)
	DUNS Number: 006928857 UST Leak Prevention Region 9  This action hereby issues Time & Materials Task Order number 0021. The contractor's Continued ...					

SEE BILLING INSTRUCTIONS ON REVERSE	18. SHIPPING POINT		19. GROSS SHIPPING WEIGHT		20. INVOICE NO.		17(h) TOTAL (Cont. pages)
	21. MAIL INVOICE TO:						
	a. NAME RTP Finance Center						\$250,000.00
	b. STREET ADDRESS (or P.O. Box) US Environmental Protection Agency RTP-Finance Center Mail Drop D143-02 109 TW Alexander Drive						\$264,334.00
c. CITY Durham				d. STATE NC	e. ZIP CODE 27711		17(i) GRAND TOTAL

22. UNITED STATES OF AMERICA BY (Signature)

23. NAME (Typed)  
James Langan  
TITLE: CONTRACTING/ORDERING OFFICER

**ORDER FOR SUPPLIES OR SERVICES**  
**SCHEDULE - CONTINUATION**

PAGE NO  
2

IMPORTANT: Mark all packages and papers with contract and/or order numbers.

DATE OF ORDER 09/27/2013	CONTRACT NO. EP-W-13-001	ORDER NO. 0021
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ITEM NO. (a)	SUPPLIES/SERVICES (b)	QUANTITY ORDERED (c)	UNIT (d)	UNIT PRICE (e)	AMOUNT (f)	QUANTITY ACCEPTED (g)
0001	<p>technical approach submitted September 19, 2013 is hereby approved in the amount of \$264,334.00 (authorized TO ceiling). This action also incrementally funds this TO in the amount of \$250,000.00 (obligated TO ceiling) which the contractor is not authorized to exceed.</p> <p>Jinky Callado is appointed as the Task Order Contracting Officer's Representative (TOCOR). The Invoice Approving Official under this task order is Jinky Callado. The work under this task order is non-severable. All other terms and conditions are hereby incorporated by reference from the parent Contract (EP-W-13-001).</p> <p>TOPO: Jinky Callado Max Expire Date: 12/31/2014 Admin Office: SRRPOD US Environmental Protection Agency Ariel Rios Building 1200 Pennsylvania Avenue, N. W. Mail Code: 3805R Washington DC 20460</p> <p>Accounting Info: 13-14-B-09J3P-302D86-2505---1309JR3518-001 BFY: 13 EFY: 14 Fund: B Budget Org: 09J3P Program (PRC): 302D86 Budget (BOC): 2505 DCN - Line ID: 1309JR3518-001 Period of Performance: 09/27/2013 to 12/31/2014</p> <p>Base Period</p>				250,000.00	

TOTAL CARRIED FORWARD TO 1ST PAGE (ITEM 17(H))

\$250,000.00

**CONTRACT NUMBER: EP-W-13-001**  
**CONTRACT NAME: REPA V Zone III**  
**CONTRACTOR NAME: Booz Allen Hamilton**  
**August 14, 2013**

**Title: Technical and Regulatory Support for Assistance to EPA Region 9 Territories and States to Improve Implementation of the UST Provisions of the Energy Policy Act of 2005.**

**I. Contracting Officer Representative/Technical Contact**

**EPA Regional Task Order Contract Officer Representative (RTOCOR)/ EPA Task Order Contract Officer Representative (TOCOR)**

Jinky Callado, WST-2  
75 Hawthorne Street  
San Francisco, CA 94105  
[Callado.jinky@epa.gov](mailto:Callado.jinky@epa.gov)  
415-972-3229 phone  
415-947-3530 fax

**Technical Contact**

Alison Fong  
75 Hawthorne Street  
San Francisco, CA 94105  
[Fong.Alison@epa.gov](mailto:Fong.Alison@epa.gov)  
415-972-3065

**Period of Performance**

The period of performance for this Task Order (TO) is from the date of Contracting Officer issuance to 31 December 2014.

**II. Background**

On August 8, 2005, President Bush signed the Energy Policy Act of 2005. Title XV, Subtitle B of this act (titled the Underground Storage Tank Compliance Act of 2005) contains amendments to Subtitle I of the Solid Waste Disposal Act, the original legislation that created the underground storage tank (UST) program. This law significantly affects federal and state underground storage tank programs, will require major changes to the programs, and is aimed at reducing underground storage tank releases to our environment.

The UST provisions of the Energy Policy Act focus on preventing releases. Among other things, it expands eligible uses of the Leaking Underground Storage Tank (LUST) Trust Fund, and includes

provisions regarding inspections, operator training, delivery prohibition, secondary containment and financial responsibility, and cleanup of releases that contain oxygenated fuel additives.

Some of these provisions required implementation by August 2006; others will require implementation in subsequent years. To implement the law, EPA and states will work closely with tribes, other federal agencies, tank owners and operators, and other stakeholders to bring about the mandated changes affecting underground storage tank facilities.

Within EPA Region 9, Arizona, Hawaii, American Samoa, the Commonwealth of the Northern Marianas Islands, and Guam have yet to fully comply with the requirements of EPAact related to the UST program. Nevada and California appear to comply, but further evaluation of the quality of their inspections would be beneficial.

EPA seeks contractor assistance to evaluate the status of Region 9 states and territories efforts to comply with EPAct. And as a follow-up to the assessments, Region 9 seeks assistance providing technical and administrative support to the states and territories aimed at improving their compliance and their UST release prevention programs in general.

In addition to basic compliance, EPA seeks to evaluate each of the State and Territories Leak Prevention Programs. As part of the evaluation, EPA seeks to understand the strengths and weaknesses of each program along with potential corrective actions.

### **III. Objective/Purpose**

This project addresses EPA's Programmatic Goals of Preserving Land and Restoring Land.

The objective of this project is to assure that the Region 9 States and Territories UST Programs are meeting the requirements of the Energy Policy Act of 2005. And if during the initial evaluation deficiencies are observed, then the objective will be to work with the State/Territory Programs and EPA Region 9 to implement projects that will correct deficiencies.

In addition, the contractor will assess the quality of each of the State and Territory inspection programs and identify weakness in such program. The contractor will then work with EPA Region 9 and the States/Territories to identify and implement projects to address the weaknesses.

### **IV. Assumptions and Constraints**

The contractor will provide personnel demonstrated with expertise in the following areas:

- Evaluation of state programs and statues consistency with federal requirements.
- Expert knowledge of tank systems design, operation and maintenance.
- Experience providing training to state UST inspectors.
- Experience providing training to A, B, and C UST system operators as defined in federal guidance.

- Expertise in UST inspection data management and field collection of data from UST inspections.

The programs in Guam, the Commonwealth of the Northern Marianas Islands, and American Samoa are currently known by EPA to be far from meeting all of the mandatory program requirements. Guam has pending regulations. CNMI has not yet drafted regulations and have not solicited public comment. American Samoa is so small that EPA will likely need to develop an alternative (non-conventional approach) for implementing EPCRA in that territory.

Hawaii still has not finalized their regulations.

Arizona is currently not meeting inspection requirements, but has indicated that they expect to be back into compliance with the inspection schedule requirements by the end of calendar year 2013.

## **V. Scope**

### **Task 1 - Project Management**

- Scoping Meeting
- Workplan
- Twice Monthly status call/meeting.
- On-line document sharing and planning tool implementation.
- Final summary report.

### **Task 2 - Evaluation of State and Territory compliance and implementation of the UST provisions of the Energy Policy Act of 2005.**

- This task involves review of records (off-site and on-site as needed), procedures, policies, regulations, and other documents on a per entity basis as assigned. This would likely involve 1 to 2 weeks of on-site meetings and file reviews. The review would likely include:
  - Review of regulations and statutes.
  - Review of policies.
  - Verification of regulated universe including mapping of regulated universe.
  - Evaluation of inspection tracking system.
  - Evaluation of inspection procedures.
  - Development of recommendations for projects that would lead to compliance and/or improvements.

#### **Task 2.1 – Preliminary Evaluation**

- This task would consist of a preliminary evaluation that initially involves an off-site review of information from each state and territory. This review may involve some records review, review of regulations, teleconferences with the given state/territory. This initial review is expected to take no more than 40 hours per state/territory. The contractor will prepare a preliminary review letter report for each state/territory and have a conference call with EPA to discuss the review.

## Task 2.2 – Scoping Detailed Evaluation

- EPA envisions the second step in the process will be a meeting with EPA to present results of the preliminary review and scoping of the focus areas for the in-depth reviews. After the scoping, the contractor will prepare a detailed letter workplan describing the approach for the detailed evaluation.

## Task 2.3- In-Depth Review

- The in depth reviews will consist of a detailed evaluation of aspects of the given State/territory program that has been determined to have potential deficiencies or vulnerabilities. EPA envisions this review to occur on site for a period of 40 to 80 hours. At the end of each of the reviews, the contract will provide their notes and hold a conference call with EPA to discuss their initial findings from the detailed review.

## Task 2.4 – EPAAct Evaluation Reports

- EPA envisions the final step of this process to consist of a report for each state/territory describing the results of the review. EPA expects to see a preliminary draft for internal review, a draft that is shared with each respective state/territory, and a final report.

# Task 3 - Assistance to States and Territories to Improve Inspection Quality

## Task 3.1 Field Inspection Evaluations

- EPA envisions that this task will consist of the contractors use of a highly experienced individual in the areas of UST inspections and operations to accompany state/territory inspectors on a number of inspections to understand the states procedures and inspection process. Based on this contractors field observations, the contractor will write-up a report describing the state/territory's inspection process along with the strengths and weaknesses of their procedures. EPA envisions that the contractor will observe four to five days of inspections per state/territory, except in California, where the inspector will observe 10 to 15 days of inspections. Inspections in California are implemented by local agencies. The contractor will work with EPA during project planning to target specific CUPAs for observation. The contractor will provide their field notes to EPA from the inspection observations, conduct a conference call with EPA to present their preliminary findings, and provide their findings for each state/territory in a letter report.

## Task 3.2 Inspection Training / Workshop.

- The contractor will develop and implement an advanced inspection workshop/webinar aimed at improving the inspection process throughout Region 9. This workshop will focus on lessons learned, highlight best practices, and focus on methods for improving results of inspections. For the purposes of planning, EPA estimates that the workshop/webinar will be one day or less and be held as a webinar. The contractor will hold four one hour planning conference calls with EPA and Region 9 States and Territories.

# Task 4 - Assistance to States and Territories to eliminate program deficiencies related to EPAAct implementation and improve their UST Leak Prevention Programs

Task 4.1 Assistance with development and implementation on new regulations, policies, and procedures.

- Under this task, the contractor will provide customize assistance to each state and territory that is not fully compliant with EPA requirements and/or has deficiencies in their inspection program. The scope of this task will be influenced by the findings of Task 2 and Task 3.1. The contractor hold a scoping call with EPA, prepare a task 4.1 workplan for each given state/territory and implement the efforts. The contractor will supply EPA field notes and hold a conference call as the closeout for this task.

Task 4.2 Organization of R9 Meeting on EPA Act Implementation

- This task involves planning and facilitating a meeting of Region 9 States and territories. The purpose of the meeting will to discuss all aspects of the states and territories UST prevention programs along with the relationship of the prevention program performance to the future of the state/territory cleanup programs. EPA envisions that this meeting will occur during the state/territory evaluation process and not as a final step in this overall scope of work.

#### **VI. Performance Measures and Quality Assurance**

The contractor shall propose performance measures related to quality and timeliness of deliverables. The contractor shall propose the quality assurance systems and methods for periodic measurement, collection and reporting of its performance data.

#### **VII. Technical Direction**

The TOCOR is authorized to provide technical direction, which clarifies the PWS. Technical direction must be within the scope of the contract and the TO. Technical direction is instruction to the contractor that approves approaches, solutions, designs, or refinements; fills in details; completes the general description of work or documentation items; shifts emphasis among work areas or tasks; or provides similar guidance. It includes evaluation of contractor performance and comments on deliverables.

The TOCOR shall issue technical direction in writing or confirm in writing within five (5) calendar days after verbal issuance. The TOCOR shall forward copies of the technical direction to the Contracting Officer (CO) and RTOCOR.

The CO is the only person authorized to make changes to the TO or contract. Any changes to the TO scope, period of performance or deliverable due dates must be approved by the CO in writing.

#### **VIII. Schedule of Deliverables**

##### **SUMMARY OF DELIVERABLES**

<b>TASK</b>	<b>SUBTASK</b>	<b>DELIVERABLE</b>	<b>DUE</b>
1	1.1	Scoping Meeting	Within 10 days after the receipt of the SOW
1	1.1	Project Plan	Within 10 days after the scoping call
1	1.1	Monthly Reports	First week of each calendar month

1	1.1	Twice Monthly Status Calls	TBD
1	1.2	Final Project Report	Within 345 days after the start of the project
2	2.1	Preliminary review EAct letter report	Within 60 days after the start of the project and after the approval of the Project Plan
2	2.1	Conference call to discuss preliminary review	Within 10 days after EPA receipt of each preliminary review document
2	2.2	Detailed EAct Review Workplan	Within 80 days after the beginning of the project
2	2.3	Detailed EAct Review Field Notes	Within 130 days after the start of the project
2	2.3	Detailed EAct Review Findings Conference Call	Within 10 days after the completion of the field review aspect of the detailed EAct reviews
2	2.3	Detailed EAct Review Reports	Within 150 days after the start of the project.
3	3.1	Field Inspection Evaluation Targeting Conference Call	Within 30 days after the beginning of the project.
3	3.1	Field Inspection Evaluation Plan	Within 60 days after the beginning of the project.
3	3.1	Notes from Field Inspection Evaluations	With 130 days after the beginning of the project.
3	3.1	Field Inspection Evaluation Reports	Withing 150 days after the beginning of the project.
3	3.2	Planning Conference Calls	Within 200 days after the beginning of the project.
3	3.2	Training Agenda	Within 210 days after the beginning of the project.
3	3.2	Advanced Inspection Training / Webinar	Within 275 days after the beginning of the project.
4	4.1	Planning conference call	Within 30 days after the completion of tasks 2 and 3.1
4	4.1	Task workplan	Within 45 days after the completion of tasks 2 and 3.1
4	4.1	Field notes	Within 300 days after the beginning of the project
4	4.1	Closeout call describing final results of the effort.	Within 310 days after the beginning of the project
4	4.2	Planning Conference Calls	Within 90 days after the beginning of the project.
4	4.2	Meeting Agenda	Within 100 days after the beginning of the project.

4	4.2	Prevention Program All-States and Territories meeting.	At some point determined in the planning process between the completion of the agenda and the end of the project.
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EP-W-13-001 TASK ORDER 0021 MOD SUMMARY

Mod #	Reason For Modification	Award Date	Obligation	Total Amount
BASE		9/27/2013	\$250,000.00	\$264,334.00
002	Funding Only Action	7/20/2016	(\$2,933.36)	(\$2,933.36)
001	Funding Only Action	4/30/2014	\$14,334.00	\$0.00
				<b>\$261,400.64</b>

# ORDER FOR SUPPLIES OR SERVICES

PAGE OF PAGES  
1 10

IMPORTANT: Mark all packages and papers with contract and/or order numbers.

1. DATE OF ORDER 12/20/2013		2. CONTRACT NO. (If any) EP-W-13-001		6. SHIP TO: a. NAME OF CONSIGNEE Region 9	
3. ORDER NO. 0022		4. REQUISITION/REFERENCE NO. PR-R9-14-00057			
5. ISSUING OFFICE (Address correspondence to) SRRPOD US Environmental Protection Agency Ariel Rios Building 1200 Pennsylvania Avenue, N. W. Mail Code: 3805R Washington DC 20460				b. STREET ADDRESS US Environmental Protection Agency 75 Hawthorne Street	
				c. CITY San Francisco	e. ZIP CODE 94105
7. TO: HEATHER TEED				f. SHIP VIA	
a. NAME OF CONTRACTOR BOOZ ALLEN HAMILTON INC.				8. TYPE OF ORDER	
b. COMPANY NAME				<input type="checkbox"/> a. PURCHASE <input checked="" type="checkbox"/> b. DELIVERY REFERENCE YOUR: _____ Please furnish the following on the terms and conditions specified on both sides of this order and on the attached sheet, if any, including delivery as indicated.	
c. STREET ADDRESS 8283 GREENSBORO DRIVE 7039172337				Except for billing instructions on the reverse, this delivery order is subject to instructions contained on this side only of this form and is issued subject to the terms and conditions of the above-numbered contract.	
d. CITY MCLEAN		e. STATE VA	f. ZIP CODE 221023838		
9. ACCOUNTING AND APPROPRIATION DATA See Schedule				10. REQUISITIONING OFFICE SRRPOD	

11. BUSINESS CLASSIFICATION (Check appropriate box(es)) <input type="checkbox"/> a. SMALL <input checked="" type="checkbox"/> b. OTHER THAN SMALL <input type="checkbox"/> c. DISADVANTAGED <input type="checkbox"/> d. WOMEN-OWNED <input type="checkbox"/> e. HUBZone <input type="checkbox"/> f. SERVICE-DISABLED VETERAN-OWNED <input type="checkbox"/> g. WOMEN-OWNED SMALL BUSINESS (WOSB) ELIGIBLE UNDER THE WOSB PROGRAM <input type="checkbox"/> h. EDWOSB				12. F.O.B. POINT Destination	
13. PLACE OF a. INSPECTION Destination		b. ACCEPTANCE Destination		14. GOVERNMENT B/L NO.	
				15. DELIVER TO F.O.B. POINT ON OR BEFORE (Date)	
				16. DISCOUNT TERMS	

## 17. SCHEDULE (See reverse for Rejections)

ITEM NO. (a)	SUPPLIES OR SERVICES (b)	QUANTITY ORDERED (c)	UNIT (d)	UNIT PRICE (e)	AMOUNT (f)	QUANTITY ACCEPTED (g)
	DUNS Number: 006928857 Renovating Schools & Childcares - a summary of key environmental health risks - (Lead, PCB's, Asbestos and Indoor Air Quality). Region 9  Continued ...					

SEE BILLING INSTRUCTIONS ON REVERSE	18. SHIPPING POINT		19. GROSS SHIPPING WEIGHT		20. INVOICE NO.		17(h) TOTAL (Cont. pages)
	21. MAIL INVOICE TO:						
	a. NAME RTP Finance Center						\$22,457.49
	b. STREET ADDRESS (or P.O. Box) US Environmental Protection Agency RTP-Finance Center Mail Drop D143-02 109 TW Alexander Drive						\$22,457.49
c. CITY Durham			d. STATE NC	e. ZIP CODE 27711		17(i) GRAND TOTAL	

22. UNITED STATES OF AMERICA BY (Signature)

23. NAME (Typed)  
Wallace Sermons  
TITLE: CONTRACTING/ORDERING OFFICER

**ORDER FOR SUPPLIES OR SERVICES**  
**SCHEDULE - CONTINUATION**

PAGE NO  
2

IMPORTANT: Mark all packages and papers with contract and/or order numbers.

DATE OF ORDER 12/20/2013	CONTRACT NO. EP-W-13-001	ORDER NO. 0022
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ITEM NO. (a)	SUPPLIES/SERVICES (b)	QUANTITY ORDERED (c)	UNIT (d)	UNIT PRICE (e)	AMOUNT (f)	QUANTITY ACCEPTED (g)
	<p>This action hereby issues Time &amp; Materials Task Order number 0022. The contractor's task order proposal submitted December 13, 2013 is hereby approved and incorporated by reference in the amount of \$22,457.49 (authorized TO ceiling). This action also fully funds this TO in the amount of \$22,457.49 (obligated TO ceiling) which the contractor is not authorized to exceed.</p> <p>Jorine Campopiano is appointed as the Task Order Contracting Officer's Representative (TOCOR). The Invoice Approving Official under this task order is Jinky Callado. The work under this task order is severable. All other terms and conditions are hereby incorporated by reference from the parent Contract (EP-W-13-001).</p> <p>TOPO: Jorine Campopiano Max Expire Date: 06/30/2014 Admin Office: SRRPOD US Environmental Protection Agency Ariel Rios Building 1200 Pennsylvania Avenue, N. W. Mail Code: 3805R Washington DC 20460 Period of Performance: 01/01/2014 to 06/30/2014</p>					
0001	Base Period				0.00	
0002	<p>Option Pd 1</p> <p>Accounting Info: 13-14-B-09FH-401CD5-2505---1409FE0501-001 BFY: 13 EFY: 14 Fund: B Budget Org: 09FH Program (PRC): 401CD5 Budget (BOC): 2505 DCN - Line ID: 1409FE0501-001 Funding Flag: Partial Funded: \$14,500.00 Accounting Info: Continued ...</p>				22,457.49	

TOTAL CARRIED FORWARD TO 1ST PAGE (ITEM 17(H))

\$22,457.49

ORDER FOR SUPPLIES OR SERVICES  
SCHEDULE - CONTINUATION

PAGE NO  
3

IMPORTANT: Mark all packages and papers with contract and/or order numbers.

DATE OF ORDER	CONTRACT NO.	ORDER NO.
12/20/2013	EP-W-13-001	0022

ITEM NO. (a)	SUPPLIES/SERVICES (b)	QUANTITY ORDERED (c)	UNIT (d)	UNIT PRICE (e)	AMOUNT (f)	QUANTITY ACCEPTED (g)
	13-14-B-09FH-401CD7-2505---1409FE0501-002 BFY: 13 EFY: 14 Fund: B Budget Org: 09FH Program (PRC): 401CD7 Budget (BOC): 2505 DCN - Line ID: 1409FE0501-002 Funding Flag: Partial Funded: \$7,957.49					

TOTAL CARRIED FORWARD TO 1ST PAGE (ITEM 17(H))

\$0.00

**CONTRACT NUMBER: EP-W-13-XXX**  
**CONTRACT NAME: REPA V ZONE 3**  
**CONTRACTOR NAME:**

Date : 11/27/2013

- I. **Title:** Renovating Schools & Childcares - a summary of key environmental health risks - (Lead, PCB's, Asbestos and Indoor Air Quality).

**Contract Officer Representatives**

**EPA Regional Task Order Contract Officer Representative (RTOCOR)**

Jinky Callado, WST-2  
75 Hawthorne Street  
San Francisco, CA 94105  
Callado.jinky@epa.gov.  
415-972-3229 phone  
415-947-3530 fax

**EPA Task Order Contract Officer Representative (TOCOR)**

Jorine Campopiano, Toxics Office  
600 Wilshire Blvd, Suite 1460  
Los Angeles, CA 90017  
[Campopiano.jorine@epa.gov](mailto:Campopiano.jorine@epa.gov)  
213-244-1808 phone  
213-244-1850 fax

**Period of Performance**

The period of performance for this Task Order (TO) is from the date of Contracting Officer issuance to 6/30/2014.

II. **Background**

While children can be exposed to harmful environmental conditions everywhere, tackling environmental exposures in places where children spend a large part of their day – schools and childcares--is a crucial component of EPA's goal of protecting children's health. Therefore we have committed in our EPA Region 9 Strategic plan to:

*"Work with local and tribal partners to reduce environmental exposures of children at schools and daycare centers, where 20% of the population spends its days."*

Nationally, more than 53 million children and about 6 million adults spend a significant portion of their days in more than 120,000 public and private school buildings. Within EPA Region 9, there are approximately 9 million children enrolled in public, private, and charter<sup>1</sup> K-12 schools (see table below). Many of these buildings are old and in poor condition, and may contain environmental conditions that inhibit learning and pose increased risks to the health of children and staff. In addition, many schools will be renovated in the next few years; the LA Unified School District renovates about 50-75 schools in the

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<sup>1</sup> Charter schools are a subset of the public schools that may not be subject to some of the rules, regulations, and statutes that apply to other public schools. In exchange for some type of accountability for producing certain results. This may have unintended environmental consequences. For example, laws in California currently require siting review for new schools, with oversight from California's Department of Toxics and Substances Control. This program has been very successful in helping motivate schools to become more selective when evaluating potential school properties. However, schools that do not receive state funding are not subject to this review.

next few years. Renovations, if not done properly, can cause exposure to lead, asbestos, and PCBs and lead to poor indoor air quality.

Region 9 Geographic Area <sup>2</sup>	Number of kids in public K-12 schools	Number of Public Schools	Number of kids in private K-12 schools	Number of Private Schools
California	6,289,578	10,124	673,620	3849
Arizona	1,071,751	2,265	54,084	329
Nevada	437,149	645	22,770	131
Hawaii	179,601	289	37,155	128
Guam	31,618	40	**?**	34
American Samoa <sup>3</sup>	14,150	28	**?**	15
Commonwealth of N. Marianas Islands <sup>4</sup>	11,105	30	**?**	*?*
Tribal Schools (BIE Oversight) <sup>5</sup>	?	88	**?**	*?*
TOTAL	7,936,715	13,509	787,629	4,486

### **WHY HEALTHY SCHOOLS ARE AN EPA PRIORITY**

Protecting children from environmental health risks is **fundamental** to EPA's mission. In 1997, EPA established the Office of Children's Health Protection (OCHP) to make the protection of children's health a fundamental goal of public health and environmental protection in the United States. This was in conjunction with President Clinton's Executive Order (EO) 13045 that recognized that children are a susceptible population, subject to disproportionate effects from environmental health and safety risks.

EPA recognizes that children are not little adults and that they are especially susceptible to environmental hazards. Their organs are developing making them more vulnerable to hazards such as lead. They also breathe more air, eat more food, and drink more water per pound than do adults. Children's behaviors, such as tactile exploration and hand to mouth contact also increase exposure potential.

Schools are an environment where children spend a lot of time in. It is estimated that 1 in 5 people spend most of their day in school and that more time is spent in schools than any other environment except for the home. Schools are densely populated, and some are in poor condition, suffering from needed maintenance. Extensive education budget cuts have exacerbated the situation. In 1999, the Department of Education estimated that 33% of US schools were in need of extensive repair and replacement.

Through its passage of bills related to school infrastructure, Congress has recognized that high-quality learning environments are crucial to providing a good education. Poor environmental conditions in schools can affect school productivity and student performance.

### **ENVIRONMENTAL HEALTH CONSIDERATIONS WHEN RENOVATING SCHOOLS**

New construction and renovation projects are good opportunities for schools and school districts to improve the health of the school environment, improve classroom comfort, and become more energy- and water-efficient. Incorporating high-performance elements in school buildings can result in lower operating and maintenance costs and reduced energy bills, and if properly planned and implemented, can contribute to healthy school environments. By adopting high performance practices, schools and school districts can lower their operating costs by up to 30%.<sup>22</sup> Existing schools can save 25% of operating costs

<sup>2</sup> CA, AZ, NV, HI, Guam data - <http://nces.ed.gov/ipeds/data/ipedsdatacenter/tableGenerator.aspx>

<sup>3</sup> <http://www.doe.as/>

<sup>4</sup> <http://www.cnmiops.org/wp-content/uploads/2011/10/PSS-Facts-Figures-SY2011-12.pdf>

<sup>5</sup> <http://www.bie.edu/Schools/index.htm>

by implementing some basic efficiency measures, occupant education, and engagement programs. New construction and renovation projects, when none done right, can lead to increased environmental hazards, such as exposure to lead paint dust.

Key environmental health considerations when renovating schools include:

- Lead
- PCB's
- Indoor Air Quality - (This includes mold, radon, ventilation/filtration, asthma triggers)
- Asbestos
- Stored chemicals (labs, cleaning products, pesticides)

EPA has developed extensive school environmental health programs regarding each of these factors. EPA has also developed comprehensive guidance for schools including the School Siting Guidelines, and School Environmental Health Guidelines which address renovation.

### **III. Objective/Purpose**

The purpose of this task order is to develop a brochure to educate school decision makers (facility managers, administrators, teachers, parents, etc.) on some of the most common environmental health concerns that arise or should be considered during school renovations. The brochure should address the following environmental health concerns, with a focus on existing US EPA school programs: Lead RRP, PCBs, Asbestos, Indoor Air Quality (mold, ventilation/filtration, asthma triggers, radon, & vapor intrusion), and school chemical cleanout.

### **IV. Assumptions and Constraints**

It is assumed that the consultant will have familiarity with renovation of schools and/or buildings, as well as a thorough knowledge base of existing national and state regulations surrounding school environmental health. Familiarity with EPA School programs is also assumed.

The contractor will not develop new information or research. Existing resources from EPA, the states, and other resources will be compiled and used to produce a brochure that is concise, clear in the regulatory requirements, and user-friendly.

The consultant must be able to produce a document and appropriate graphics as well as have capacity to print the document.

The constraints on the project include existing scientific gaps in school environmental health and renovation practices, and EPA budget (limited).

### **V. Scope**

The scope of work includes the development of a brochure – focusing on the environmental health hazards encountered when renovating a school or child care center. The consultant shall be responsible to assemble an interagency, school community based team to assist in review, develop the content, graphics, and print 1000 copies of the document on matte recycled paper (or the most environmentally friendly paper option). The final product shall be available and transmitted to EPA in both an editable and easily reproducible format (pdf).

The brochure shall:

- be in an easy to read, user-friendly format (not to exceed 10 pages)
- be 8.5 x 11 and in color using graphics to increase the readability
- use photographs

- be national in scope, focusing on existing EPA school programs that affect renovation
  - Lead RRP Rule
  - PCB's (in caulk, lighting ballasts, and other school building materials)
  - Asbestos (AHERA regulation)
  - Indoor Air Quality (Tools for Schools, Radon, Mold, Vapor Intrusion, and asthma triggers)
  - Summary of other resources that should be consulted in renovation (Collaborative for High Performance Schools (CHPS), EPA School Siting and Environmental Health Program, Green Building (LEED)).
- Use existing EPA and other appropriate resources to develop content of the brochure
- Include 1 page inserts with State specific information and resources that can be removed (California, Arizona, Hawaii, and Nevada)
- Include a master check-list (using the existing tools for schools checklist as guidance)
- Be in a format that is easy to reproduce using a standard office printer and paper.

## **VI. Performance Measures and Quality Assurance**

The contractor shall propose performance measures related to quality and timeliness of deliverables. The contractor shall propose the quality assurance systems and methods for periodic measurement, collection and reporting of its performance data.

## **VII. Technical Direction**

The TOCOR is authorized to provide technical direction, which clarifies the PWS. Technical direction must be within the scope of the contract and the TO. Technical direction is instruction to the contractor that approves approaches, solutions, designs, or refinements; fills in details; completes the general description of work or documentation items; shifts emphasis among work areas or tasks; or provides similar guidance. It includes evaluation of contractor performance and comments on deliverables.

The TOCOR shall issue technical direction in writing or confirm in writing within five (5) calendar days after verbal issuance. The TOCOR shall forward copies of the technical direction to the Contracting Officer (CO) and RTOCOR.

The CO is the only person authorized to make changes to the TO or contract. Any changes to the TO scope, period of performance or deliverable due dates must be approved by the CO in writing.

## **VIII. Schedule of Deliverables**

### **SUMMARY OF DELIVERABLES**

<b>TASK</b>	<b>SUBTASK</b>	<b>DELIVERABLE</b>	<b>DUE</b>
1	Assemble EPA, State, and school community review team to provide technical review and feedback on the brochure	Contact list of EPA, State, and school community who have agreed to review the document.	2 weeks after start of contract
2a	Gather references for brochure (both using the team and independent research)	Draft list of references	
2b	Send draft references to team and project lead	Send Draft table of references used for brochure	

2c	Incorporate comments and finalize table	Final table of references	4 weeks after start of contract
3a	Develop Outline and key messages of Brochure Content	Draft outline of brochure and key messages for each contaminant (Pb, PCB, Asbestos, IAQ)	6 weeks after start of contract
3b	Submit outline & key messages to group	Summary of comments received	8 weeks after start of contract
3c	Incorporate comments and develop final Outline of Brochure	Final Outline of brochure	9 weeks after start of contract
4a	Draft brochure using key messages and references to convey information	Draft brochure	16 weeks after start of contract
4b	Submit draft brochure to team and project lead	Email transmitting brochure/summary of comments received	16 weeks after start of contract
5a	Incorporated Comments and Finalize Brochure	Final Brochure	18 weeks after start of contract
5b	Send copy of final brochure to project lead for copy check prior to print	Sign off from project lead on copy print	20 weeks after start of contract
6a	Deliver copies of final brochure to EPA	Send 1000 copies of brochure to EPA	24 weeks after start of contract
6b	Email editable and pdf versions of the document	Receipt of electronic copies of the document	24 weeks after start of contract

**ATTACHMENT 1: Introductory Reference List** - (please note that additional resource can be found and used).

### **ASBESTOS**

**EPA Asbestos in Schools.** EPA. [http://www.epa.gov/asbestos/pubs/asbestos\\_in\\_schools.html](http://www.epa.gov/asbestos/pubs/asbestos_in_schools.html)

### **IAQ**

**US Environmental Protection Agency, “IAQ Tools for Schools”**, a self-help kit for resolving indoor air quality problems in schools; also contains a Renovation and Repair Checklist, <http://www.epa.gov/iaq/schools/>

**Sheet Metal and Air Conditioning Contractor's National Association, Inc., Indoor Air Quality Guidelines for Occupied Buildings Under Construction**, November 1995,  
[http://asc67.org/ASC\\_Previows\\_Problems/R7/Commercial/2007/Student%20Disk/14.4%20SMAACNA%20Guidelines.pdf](http://asc67.org/ASC_Previows_Problems/R7/Commercial/2007/Student%20Disk/14.4%20SMAACNA%20Guidelines.pdf)

### ***PCB's***

**US Environmental Protection Agency, Public Health Levels for PCBs in Indoor School Air**, recommended PCB reference levels for children through adults in school settings,  
<http://epa.gov/pcbsincaulk/maxconcentrations.htm>

**US Environmental Protection Agency, PCB in Schools Checklist:**  
<http://www.epa.gov/epawaste/hazard/tsd/pcbs/pubs/caulk/pdf/caulkschools2.pdf>

**US Environmental Protection Agency, Contractors Handling Caulk During Renovation**  
<http://www.epa.gov/epawaste/hazard/tsd/pcbs/pubs/caulk/caulkcontractors.htm>

**US Environmental Protection Agency, General Information on PCB's in older schools and buildings** <http://www.epa.gov/epawaste/hazard/tsd/pcbs/pubs/caulk/pdf/caulkschools1.pdf>

**US Environmental Protection Agency, PCB's in Schools Research**,  
<http://www.epa.gov/epawaste/hazard/tsd/pcbs/pubs/caulk/caulkresearch.htm>

**Proper Maintenance, Removal, and Disposal of PCB-Containing Fluorescent Light Ballasts.** EPA. 2011. <http://www.epa.gov/osw/hazard/tsd/pcbs/pubs/ballasts.htm>

**PCBs in Building Caulk.** EPA. 2009. <http://www.epa.gov/pcbsincaulk>

**Polychlorinated Biphenyl (PCB) Site Revitalization Guidance.** EPA. 2005.  
<http://www.epa.gov/osw/hazard/tsd/pcbs/pubs/pcb-guid3-06.pdf>

**Guidance on Remedial Actions for Superfund Sites with PCB Contamination.** EPA. 1990.  
<http://www.epa.gov/superfund/resources/remedy/pdf/540g-90007-s.pdf>

**PCB Q and A Manual.** EPA.  
<http://www.epa.gov/epawaste/hazard/tsd/pcbs/pubs/qacombined.pdf>

**Toxicological Profile for Polychlorinated Biphenyls (PCBs).** Agency for Toxic Substances and Disease Registry. 2000. <http://www.atsdr.cdc.gov/toxprofiles/tp17.html>

### **Lead**

**US Environmental Protection Agency, RRP Website:**  
**<http://www2.epa.gov/lead/renovation-repair-and-painting-program>**

**US Environmental Protection Agency, RRP Brochure for Child Occupied Facilities:**  
**[http://www2.epa.gov/sites/production/files/2013-08/documents/childcareproviderrrpтрifold\\_horizontal.pdf](http://www2.epa.gov/sites/production/files/2013-08/documents/childcareproviderrrpтрifold_horizontal.pdf)**

**US Environmental Protection Agency, Renovate Right: Important Lead Hazard Information for Families, Child Care Providers, and Schools**, information about lead, health effects, sources of lead in homes, daycares and schools, and lead-safe renovation regulations,  
**<http://www.epa.gov/lead/pubs/renovaterightbrochure.pdf>**

## **Mold**

**US Environmental Protection Agency, Mold Remediation in Schools and Commercial Buildings**, guide for preventing, identifying, and safely remediating mold and moisture problems in schools, **[http://www.epa.gov/mold/mold\\_remediation.html](http://www.epa.gov/mold/mold_remediation.html)**

## **Comprehensive**

**Collaborative for High Performance Schools, Operations Report Card**, an online tool to help schools understand how their buildings are performing. Also provides suggestions on how to improve building performance, **<http://www.chps.net/dev/Drupal/orc>**

**US Environmental Protection Agency, Environmental Health Guidelines – renovation section** - **<http://www.epa.gov/sc3/ehguidelines/appendixA.html#newconstruction>**

US Environmental Protection Agency, School Siting Guidelines -  
**<http://www.epa.gov/schools/siting/index.html>**

**National Institute of Occupational Health and Safety (NIOSH), Good Practice Guidelines for Maintaining Acceptable Indoor Environmental Quality During Construction and Renovation Projects**, November 2005, **[http://www.peer.org/docs/doi/05\\_21\\_12\\_niosh.pdf](http://www.peer.org/docs/doi/05_21_12_niosh.pdf)**

EP-W-13-001 TASK ORDER 022 MOD SUMMARY

Mod #	Reason For Modification	Award Date	Obligation	Total Amount
BASE		12/20/2013	\$22,457.49	\$22,457.49
005	Funding Only Action	10/19/2016	(\$243.35)	(\$243.35)
004		3/20/2015	\$0.00	\$0.00
003		3/18/2015	\$0.00	\$0.00
002		9/30/2014	\$4,808.14	\$4,808.14
001	Exercise an Option	6/27/2014	\$0.00	\$0.00
				<b>\$27,022.28</b>

# ORDER FOR SUPPLIES OR SERVICES

PAGE OF PAGES  
1 10

IMPORTANT: Mark all packages and papers with contract and/or order numbers.

1. DATE OF ORDER 12/26/2013		2. CONTRACT NO. (If any) EP-W-13-001		6. SHIP TO: a. NAME OF CONSIGNEE Region 8	
3. ORDER NO. 0023		4. REQUISITION/REFERENCE NO. PR-R8-14-00047			
5. ISSUING OFFICE (Address correspondence to) SRRPOD US Environmental Protection Agency Ariel Rios Building 1200 Pennsylvania Avenue, N. W. Mail Code: 3805R Washington DC 20460				b. STREET ADDRESS US Environmental Protection Agency 1595 Wynkoop St	
				c. CITY Denver	e. ZIP CODE 80202-1129
7. TO: HEATHER TEED				f. SHIP VIA	
a. NAME OF CONTRACTOR BOOZ ALLEN HAMILTON INC.				8. TYPE OF ORDER	
b. COMPANY NAME				<input type="checkbox"/> a. PURCHASE <input checked="" type="checkbox"/> b. DELIVERY REFERENCE YOUR: _____ Please furnish the following on the terms and conditions specified on both sides of this order and on the attached sheet, if any, including delivery as indicated.	
c. STREET ADDRESS 8283 GREENSBORO DRIVE 7039172337				Except for billing instructions on the reverse, this delivery order is subject to instructions contained on this side only of this form and is issued subject to the terms and conditions of the above-numbered contract.	
d. CITY MCLEAN		e. STATE VA	f. ZIP CODE 221023838		
9. ACCOUNTING AND APPROPRIATION DATA See Schedule				10. REQUISITIONING OFFICE SRRPOD	

11. BUSINESS CLASSIFICATION (Check appropriate box(es)) <input type="checkbox"/> a. SMALL <input checked="" type="checkbox"/> b. OTHER THAN SMALL <input type="checkbox"/> c. DISADVANTAGED <input type="checkbox"/> d. WOMEN-OWNED <input type="checkbox"/> e. HUBZone <input type="checkbox"/> f. SERVICE-DISABLED VETERAN-OWNED <input type="checkbox"/> g. WOMEN-OWNED SMALL BUSINESS (WOSB) ELIGIBLE UNDER THE WOSB PROGRAM <input type="checkbox"/> h. EDWOSB				12. F.O.B. POINT Destination	
13. PLACE OF a. INSPECTION Destination		b. ACCEPTANCE Destination		14. GOVERNMENT B/L NO.	
				15. DELIVER TO F.O.B. POINT ON OR BEFORE (Date)	
16. DISCOUNT TERMS					

## 17. SCHEDULE (See reverse for Rejections)

ITEM NO. (a)	SUPPLIES OR SERVICES (b)	QUANTITY ORDERED (c)	UNIT (d)	UNIT PRICE (e)	AMOUNT (f)	QUANTITY ACCEPTED (g)
	DUNS Number: 006928857 CERCLIS/SEMS Database - Region 8  This action hereby issues fixed-price Task Order number 0023 for Option Period 1. This is a logical follow-on to Task Order 0008. Continued ...					

SEE BILLING INSTRUCTIONS ON REVERSE	18. SHIPPING POINT		19. GROSS SHIPPING WEIGHT		20. INVOICE NO.		17(h) TOTAL (Cont. pages)
	21. MAIL INVOICE TO:						
	a. NAME RTP Finance Center						\$52,796.46
	b. STREET ADDRESS (or P.O. Box) US Environmental Protection Agency RTP-Finance Center Mail Drop D143-02 109 TW Alexander Drive						\$52,796.46
c. CITY Durham			d. STATE NC	e. ZIP CODE 27711		17(i) GRAND TOTAL	

22. UNITED STATES OF AMERICA BY (Signature)

23. NAME (Typed)  
Nadia Velasco  
TITLE: CONTRACTING/ORDERING OFFICER

**ORDER FOR SUPPLIES OR SERVICES**  
**SCHEDULE - CONTINUATION**

PAGE NO

2

IMPORTANT: Mark all packages and papers with contract and/or order numbers.

DATE OF ORDER 12/26/2013	CONTRACT NO. EP-W-13-001	ORDER NO. 0023
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ITEM NO. (a)	SUPPLIES/SERVICES (b)	QUANTITY ORDERED (c)	UNIT (d)	UNIT PRICE (e)	AMOUNT (f)	QUANTITY ACCEPTED (g)
	<p>The contractor's technical approach submitted December 23, 2013 is hereby accepted in the amount of \$52,796.46 (authorized TO ceiling). This action also fully funds this TO in the amount of \$52,796.46 (obligated TO ceiling) which the contractor is not authorized to exceed.</p> <p>Benjamin Bents is appointed as the Task Order Contracting Officer's Representative (TOCOR). The Invoice Approving Official under this task order is Benjamin Bents. The work under this task order is non-severable. All other terms and conditions are hereby incorporated by reference from the parent Contract (EP-W-13-001).</p> <p>TOPO: Dianna Lim Max Expire Date: 12/31/2014 Admin Office: SRRPOD US Environmental Protection Agency Ariel Rios Building 1200 Pennsylvania Avenue, N. W. Mail Code: 3805R Washington DC 20460</p> <p>Accounting Info: 14--T-8AL0P-303DD2-2505-0800IJ00-C056-148ALP V801-001 BFY: 14 Fund: T Budget Org: 8AL0P Program (PRC): 303DD2 Budget (BOC): 2505 Job #: 0800IJ00 Cost: C056 DCN - Line ID: 148ALPV801-001 Period of Performance: 01/01/2014 to 12/31/2014</p>					
0002	Option Period 1				52,796.46	

TOTAL CARRIED FORWARD TO 1ST PAGE (ITEM 17(H))

\$52,796.46

EP-W-13-003 TASK ORDER 0023

Mod #	Reason For Modification	Award Date	Obligation	Total Amount
BASE		12/26/2013	\$52,796.46	\$52,796.46
007	Funding Only Action	9/11/2017	\$40,000.00	\$78,704.22
006	Exercise an Option	1/11/2017	\$78,739.00	\$78,739.00
005	Exercise an Option	1/21/2016	\$100,372.54	\$100,372.54
004	Funding Only Action	12/16/2014	\$0.00	\$5,522.88
003	Funding Only Action	12/3/2014	\$106,144.96	\$106,144.96
002	Funding Only Action	12/3/2014	(\$2,589.36)	(\$2,589.36)
001	Funding Only Action	9/30/2014	\$9,203.64	\$9,203.64
				<b>\$428,894.34</b>

# ORDER FOR SUPPLIES OR SERVICES

PAGE OF PAGES

1

12

IMPORTANT: Mark all packages and papers with contract and/or order numbers.

1. DATE OF ORDER 02/22/2014		2. CONTRACT NO. (If any) EP-W-13-001		6. SHIP TO: a. NAME OF CONSIGNEE Aaron Zimmerman 913-551-7333	
3. ORDER NO. 0024		4. REQUISITION/REFERENCE NO. PR-R7-14-00107			
5. ISSUING OFFICE (Address correspondence to) SRRPOD US Environmental Protection Agency Ariel Rios Building 1200 Pennsylvania Avenue, N. W. Mail Code: 3805R Washington DC 20460				b. STREET ADDRESS US Environmental Protection Agency 11201 Renner Boulevard	
				c. CITY Lenexa	d. STATE KS
				e. ZIP CODE 66219	
7. TO: HEATHER TEED				f. SHIP VIA	
a. NAME OF CONTRACTOR BOOZ ALLEN HAMILTON INC.					
b. COMPANY NAME				8. TYPE OF ORDER	
c. STREET ADDRESS 8283 GREENSBORO DRIVE 7039172337				<input type="checkbox"/> a. PURCHASE <input checked="" type="checkbox"/> b. DELIVERY REFERENCE YOUR: _____ Please furnish the following on the terms and conditions specified on both sides of this order and on the attached sheet, if any, including delivery as indicated.	
d. CITY MCLEAN		e. STATE VA	f. ZIP CODE 221023838		
9. ACCOUNTING AND APPROPRIATION DATA See Schedule				10. REQUISITIONING OFFICE SRRPOD	

11. BUSINESS CLASSIFICATION (Check appropriate box(es)) <input type="checkbox"/> a. SMALL <input checked="" type="checkbox"/> b. OTHER THAN SMALL <input type="checkbox"/> c. DISADVANTAGED <input type="checkbox"/> d. WOMEN-OWNED <input type="checkbox"/> e. HUBZone <input type="checkbox"/> f. SERVICE-DISABLED VETERAN-OWNED <input type="checkbox"/> g. WOMEN-OWNED SMALL BUSINESS (WOSB) ELIGIBLE UNDER THE WOSB PROGRAM <input type="checkbox"/> h. EDWOSB				12. F.O.B. POINT Destination	
13. PLACE OF a. INSPECTION Destination		b. ACCEPTANCE Destination		14. GOVERNMENT B/L NO.	
				15. DELIVER TO F.O.B. POINT ON OR BEFORE (Date)	
				16. DISCOUNT TERMS	

## 17. SCHEDULE (See reverse for Rejections)

ITEM NO. (a)	SUPPLIES OR SERVICES (b)	QUANTITY ORDERED (c)	UNIT (d)	UNIT PRICE (e)	AMOUNT (f)	QUANTITY ACCEPTED (g)
	DUNS Number: 006928857 Task Order 0024 - Iowa Inspections A  Task Order 0024: Iowa Inspections - A Region 7  Continued ...					

SEE BILLING INSTRUCTIONS ON REVERSE	18. SHIPPING POINT		19. GROSS SHIPPING WEIGHT		20. INVOICE NO.		17(h) TOTAL (Cont. pages)
	21. MAIL INVOICE TO:						
	a. NAME RTP Finance Center						\$75,000.00
	b. STREET ADDRESS (or P.O. Box) US Environmental Protection Agency RTP-Finance Center Mail Drop D143-02 109 TW Alexander Drive						\$75,000.00
c. CITY Durham			d. STATE NC	e. ZIP CODE 27711		17(i) GRAND TOTAL	

22. UNITED STATES OF AMERICA BY (Signature)

02/22/2014

ELECTRONIC SIGNATURE

23. NAME (Typed)  
Susan Neiheisel  
TITLE: CONTRACTING/ORDERING OFFICER

**ORDER FOR SUPPLIES OR SERVICES**  
**SCHEDULE - CONTINUATION**

PAGE NO  
2

IMPORTANT: Mark all packages and papers with contract and/or order numbers.

DATE OF ORDER 02/22/2014	CONTRACT NO. EP-W-13-001	ORDER NO. 0024
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ITEM NO. (a)	SUPPLIES/SERVICES (b)	QUANTITY ORDERED (c)	UNIT (d)	UNIT PRICE (e)	AMOUNT (f)	QUANTITY ACCEPTED (g)
0001	<p>This action hereby issues a Time &amp; Materials Task Order number 0024. The contractor's Task Order proposal dated January 29,2014 is hereby approved and incorporated by reference in the amount of \$260,826.00 which is the authorized Task Order Ceiling. This Purchase Order also incrementally funds this Task Order in the amount of \$75,000.00 which is the obligated Task Order ceiling,the contractor is not authorized to exceed these ceilings.</p> <p>Gary Witkovski is appointed Task Order Contracting Officer's Representative (TOCOR). The Invoice Approving Official under this Task Order is Aaron Zimmerman, all other terms and conditions are hereby incorporated by reference from the parent Contract EP-W-13-002.</p> <p>TOPO: Gary Witkovski Max Expire Date: 12/31/2014 Admin Office: SRRPOD US Environmental Protection Agency Ariel Rios Building 1200 Pennsylvania Avenue, N. W. Mail Code: 3805R Washington DC 20460 Period of Performance: 01/01/2014 to 12/31/2014</p> <p>Initial Funding REPA 5 Iowa Inspec Sup A Option Period 1</p> <p>Accounting Info: 14--E1-07LJ-302D11-2505---1407L94002-0 01 BFY: 14 Fund: E1 Budget Org: 07LJ Program (PRC): 302D11 Budget (BOC): 2505 DCN - Line ID: 1407L94002-001 Funding Flag: Complete Funded: \$75,000.00</p>				75,000.00	

TOTAL CARRIED FORWARD TO 1ST PAGE (ITEM 17(H))

\$75,000.00

EP-W-13-001 TASK ORDER 0024 MOD SUMMARY

Mod #	Reason For Modification	Award Date	Obligation	Total Amount
BASE		2/22/2014	\$75,000.00	\$75,000.00
011	Funding Only Action	6/30/2017	\$98,312.71	\$0.00
010	Funding Only Action	3/6/2017	\$0.00	\$0.00
009	Other Administrative Action	2/16/2017	\$0.00	\$198,761.54
008	Other Administrative Action	2/6/2017	\$0.00	\$0.00
007	Other Administrative Action	1/31/2017	\$0.00	\$0.00
006	Exercise an Option	1/13/2017	\$67,500.00	\$67,500.00
005	Exercise an Option	2/24/2016	\$260,737.06	\$260,737.06
004	Funding Only Action	7/7/2015	\$4,624.88	\$4,624.88
003	Exercise an Option	5/1/2015	\$258,736.35	\$258,736.35
002	Other Administrative Action	5/19/2014	\$0.00	\$0.00
001	Funding Only Action	4/4/2014	\$185,826.00	\$185,826.00
				<b>\$1,051,185.83</b>

# ORDER FOR SUPPLIES OR SERVICES

PAGE OF PAGES

1

2

IMPORTANT: Mark all packages and papers with contract and/or order numbers.

1. DATE OF ORDER 03/05/2014		2. CONTRACT NO. (If any) EP-W-13-001		6. SHIP TO: a. NAME OF CONSIGNEE Aaron Zimmerman 913-551-7333	
3. ORDER NO. 0025		4. REQUISITION/REFERENCE NO. PR-R7-14-00117			
5. ISSUING OFFICE (Address correspondence to) SRRPOD US Environmental Protection Agency Ariel Rios Building 1200 Pennsylvania Avenue, N. W. Mail Code: 3805R Washington DC 20460				b. STREET ADDRESS US Environmental Protection Agency 11201 Renner Boulevard	
				c. CITY Lenexa	e. ZIP CODE 66219
7. TO: HEATHER TEED				f. SHIP VIA	
a. NAME OF CONTRACTOR BOOZ ALLEN HAMILTON INC.				8. TYPE OF ORDER	
b. COMPANY NAME				<input type="checkbox"/> a. PURCHASE <input checked="" type="checkbox"/> b. DELIVERY REFERENCE YOUR: _____ Please furnish the following on the terms and conditions specified on both sides of this order and on the attached sheet, if any, including delivery as indicated.	
c. STREET ADDRESS 8283 GREENSBORO DRIVE 7039172337				Except for billing instructions on the reverse, this delivery order is subject to instructions contained on this side only of this form and is issued subject to the terms and conditions of the above-numbered contract.	
d. CITY MCLEAN		e. STATE VA	f. ZIP CODE 221023838		
9. ACCOUNTING AND APPROPRIATION DATA See Schedule				10. REQUISITIONING OFFICE SRRPOD	

11. BUSINESS CLASSIFICATION (Check appropriate box(es)) <input type="checkbox"/> a. SMALL <input checked="" type="checkbox"/> b. OTHER THAN SMALL <input type="checkbox"/> c. DISADVANTAGED <input type="checkbox"/> d. WOMEN-OWNED <input type="checkbox"/> e. HUBZone <input type="checkbox"/> f. SERVICE-DISABLED VETERAN-OWNED <input type="checkbox"/> g. WOMEN-OWNED SMALL BUSINESS (WOSB) ELIGIBLE UNDER THE WOSB PROGRAM <input type="checkbox"/> h. EDWOSB				12. F.O.B. POINT Destination	
13. PLACE OF a. INSPECTION Destination		b. ACCEPTANCE Destination		14. GOVERNMENT B/L NO.	
				15. DELIVER TO F.O.B. POINT ON OR BEFORE (Date)	
				16. DISCOUNT TERMS	

## 17. SCHEDULE (See reverse for Rejections)

ITEM NO. (a)	SUPPLIES OR SERVICES (b)	QUANTITY ORDERED (c)	UNIT (d)	UNIT PRICE (e)	AMOUNT (f)	QUANTITY ACCEPTED (g)
	DUNS Number: 006928857 Task Order 0025 - Region 7  This action hereby issues a Time & Materials Task Order number 0025. The contractor's Task Order proposal dated Continued ...					

SEE BILLING INSTRUCTIONS ON REVERSE	18. SHIPPING POINT		19. GROSS SHIPPING WEIGHT		20. INVOICE NO.		\$26,277.00	17(h) TOTAL (Cont. pages)
	21. MAIL INVOICE TO:							
	a. NAME RTP Finance Center						\$26,277.00	17(i) GRAND TOTAL
	b. STREET ADDRESS (or P.O. Box) US Environmental Protection Agency RTP-Finance Center Mail Drop D143-02 109 TW Alexander Drive							
c. CITY Durham				d. STATE NC	e. ZIP CODE 27711			

22. UNITED STATES OF

AMERICA BY (Signature)

03/05/2014

ELECTRONIC SIGNATURE

23. NAME (Typed)

Susan Neiheisel

TITLE: CONTRACTING/ORDERING OFFICER

**ORDER FOR SUPPLIES OR SERVICES**  
**SCHEDULE - CONTINUATION**

PAGE NO

2

IMPORTANT: Mark all packages and papers with contract and/or order numbers.

DATE OF ORDER 03/05/2014	CONTRACT NO. EP-W-13-001	ORDER NO. 0025
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ITEM NO. (a)	SUPPLIES/SERVICES (b)	QUANTITY ORDERED (c)	UNIT (d)	UNIT PRICE (e)	AMOUNT (f)	QUANTITY ACCEPTED (g)
0001	<p>February 11,2014 is hereby approved and incorporated by reference in the amount of \$26,277.00 which is the authorized Task Order Ceiling. This Purchase Order also fully funds this Task Order in the amount of \$26,277.00 which is the obligated Task Order ceiling,the contractor is not authorized to exceed these ceilings.</p> <p>Ken Herstowski is appointed Task Order Contracting Officer's Representative (TOCOR). The Invoice Approving Official under this Task Order is Aaron Zimmerman, all other terms and conditions are hereby incorporated by reference from the parent Contract EP-W-13-001.</p> <p>TOPO: Ken Herstowski Max Expire Date: 12/31/2014</p> <p>Admin Office: SRRPOD US Environmental Protection Agency Ariel Rios Building 1200 Pennsylvania Avenue, N. W. Mail Code: 3805R Washington DC 20460</p> <p>Period of Performance: 03/05/2014 to 12/31/2014</p> <p>Option Period 1</p> <p>Accounting Info: 14-15-B-07LJ-303D99-2505-1407L94004-00 1 BFY: 14 EFY: 15 Fund: B Budget Org: 07LJ Program (PRC): 303D99 Budget (BOC): 2505 DCN - Line ID: 1407L94004-001 Funding Flag: Complete Funded: \$26,277.00</p>				26,277.00	

TOTAL CARRIED FORWARD TO 1ST PAGE (ITEM 17(H))

\$26,277.00

EP-W-001 TASK ORDER 0026 MOD SUMMARY

Mod #	Reason For Modification	Award Date	Obligation	Total Amount
BASE		3/5/2014	\$26,277.00	\$26,277.00
006	Funding Only Action		\$0.00	\$0.00
005	Supplemental Agreement for work within scope	10/27/2016	\$0.00	(\$26,696.11)
004	Funding Only Action	8/16/2016	(\$7,609.27)	\$0.00
003	Other Administrative Action	9/14/2015	\$0.00	\$0.00
002	Funding Only Action	9/8/2015	\$0.00	\$19,086.84
001	Exercise an Option	8/31/2015	\$7,609.27	\$7,609.27
				<b>\$26,277.00</b>